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Documentation of the Food Consumption Files Used in the Tolerance Assessment System

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December 1986

DOCUMENTATION OF THE FOOD CONSUMPTION FILES USED IN THE TOLERANCE ASSESSMENT SYSTEM

by

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The Office of Pesticide Programs (OPP) of the U.S. Environmental Protection Agency has the responsibility for regulation of the application of pesticides to raw agricultural commodities (RACs). The decision as to whether or not to permit the use of a particular chemical is based, in part, upon exposure analyses that combine information about predicted residues in food with food consumption data to produce an estimate of exposure. The Tolerance Assessment System (TAS) is an automated system designed by Research Triangle Institute (RTI) to support OPP's decision-making process. This report describes the food consumption data files employed in the TAS exposure analyses.

The Nationwide Food Consumption Survey of 1977-78, conducted by the U.S. Department of Agriculture (USDA), was selected as the primary source of food consumption information. These data, which constituted a probability sample of U.S. households in the 48 contiguous states and which involved 3-day food consumption records for some 30,770 individuals, were used to compute daily food-form consumption estimates (adjusted for body weight) for a total of 87,668 person-days. Various aggregations and/or averages of these data were performed to create the seven analysis data files used in the TAS exposure analyses.

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1. INTRODUCTION

The Office of Pesticide Programs (OPP) of the Environmental Protection Agency (EPA) is charged with the responsibility of conducting toxicological assessments for chemicals applied to raw agricultural commodities (RACs) and making recommendations for approval or disapproval of tolerance requests submitted by chemical manufacturers. Such recommendations are, in part, based upon exposure analyses that combine tolerance and/or residue information with estimated food consumption data to produce estimates of exposure. The Tolerance Assessment System (TAS) is an automated system designed by the Research Triangle Institute (RTI) to support OPP's decision making process, and this report describes the food consumption data files employed in the TAS exposure analyses.

The Nationwide Food Consumption Survey of 1977-78 conducted by the US Department of Agriculture (USDA) was selected as the primary data source for providing food consumption information on individuals. These data, which constituted a probability sample of US households in the 48 contiguous States and which involved 3-day food consumption records for some 30,770 individuals, were examined to identify a complete set of food items consumed by the sample members. Over 3,700 such food items were identified. Since the consumption information reported in the survey related to foods in the form that they were consumed (e.g., pizza), it was necessary to break down the individual food items into the component foods which are relevant to tolerances and residues (e.g., tomatoes, wheat). Based on a variety of home-recipe and commercial-formulation reference materials, a determination was made with regard to each food item's component foods, the percentage (by weight) of each food, and the form (e.g., cooked, raw, or fried) of the food "as eaten". This food composition information was then merged with the USDA survey data to produce a data file containing individuals' food consumption in terms of estimated quantities of foods (and food forms) consumed during the 3-day period observed for the particular individual.

This modified version of the USDA consumption file, referred to as the USDA Food Form File, served as the basic source of data for seven analysis files developed for use in TAS. The daily food-form consumption estimates, which were available for a total of 87,668 person days, were converted from

grams per day to grams per kilogram of body weight per day for each survey respondent. Various aggregations and/or averages of these data (e.g., aggregating consumption over foods or food forms, and averaging over days and/or individuals) were performed to create four analysis data files which report consumption estimates at the individual respondent level:

(a) Person-Day Food-Form Consumption File.

(b) Individual Food-Form Consumption File.

(c) Person-Day Food Consumption File.

(d) Individual Food Consumption File.

Three additional analysis files were created using sample survey analysis procedures to compute appropriately-weighted mean consumption estimates and approximate standard errors of these estimates for various population subgroups:

(e) Average Food-Form Consumption File.

(f) Average Food Consumption File.

(g) Average Menu-Category Consumption File.

Figure 1 identifies the seven consumption data files and indicates the various averaging or aggregation processes employed for constructing these files. Since the TAS analysis programs are written in SAS[1] , each of the consumption files is stored as a tape format data set within an individual SAS data library. Table 1 presents a brief description of the information contained in each file. The physical characteristics of the SAS data libraries, which are stored on five reels of 9-track, 6250 bpi, standard label tape, are listed below:

a) File A: Person-Day Food-Form Consumption File
OS Data Set Name: TAS.SASFILE.PDFFRM
SAS Data Set Name: PDFFRM
Location: Reels #1 and #2, LABEL=(1,SL)
RECFM=U, BLKSIZE=32760, #BLOCKS=6851 (5343 BLOCKS on Reel #1 and 1508 BLOCKS on Reel #2)
#OBSERVATION=87,668
#VARIABLES=621

1/ SAS is the registered trademark of SAS Institute Inc., Cary, NC 27511, USA.

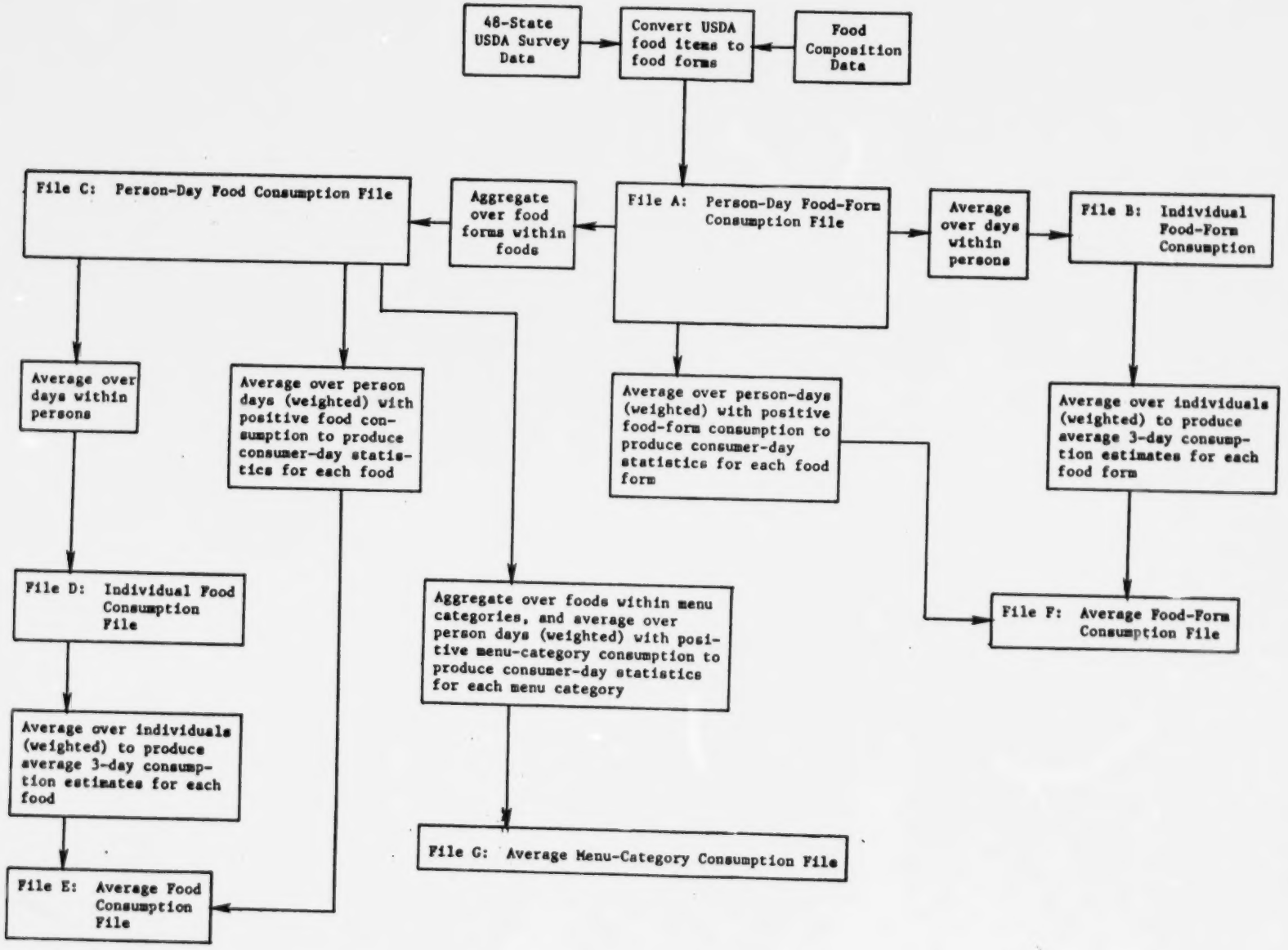
48-State USDA Survey Data
Convert USDA food items to food forms
Food Composition Data
File C: Person-Day Food Consumption File
Aggregate over food forms within foods
File A: Person-Day Food-Form Consumption File
Average over days within persons
File B: Individual Food-Form Consumption
Average over days within persons
Average over person days (weighted) with positive food consumption to produce consumer-day statistics for each food
Average over person-days (weighted) with positive food-form consumption to produce consumer-day statistics for each food form
Average over individuals (weighted) to produce average 3-day consumption estimates for each food form
File D: Individual Food Consumption File
Aggregate over foods within menu categories, and average over person days (weighted) with positive menu-category consumption to produce consumer-day statistics for each menu category
File F: Average Food-Form Consumption File
Average over individuals (weighted) to produce average 3-day consumption estimates for each food
File G: Average Menu-Category Consumption File
File E: Average Food Consumption File

Figure 1. Development of Consumption Data Files Used in the TAS

Table 1. TAS Consumption Data Files

File Name	Organization of Data Records	No. of Records	Description
File A: Person-Day Food-Form Consumption File	up to 3 daily records per USDA respondent	87,668	Contains information on the individual respondent, including population subgroup identifiers, sampling weight, body weight, etc. Also contains daily consumption data, in grams per kg of body weight, for each food form.
File B: Individual Food-Form Consumption File	one record per respondent	30,770	Contains respondent information as in File A. Also contains average 3-day consumption data for each respondent for each food form.
File C: Person-Day Food Consumption File	up to 3 daily records per respondent	87,668	Contains respondent information as in File A. Also contains daily consumption for each respondent for each food.
File D: Individual Food Consumption File	one record per respondent	30,770	Contains respondent information as in File A. Also contains average 3-day consumption data for each respondent for each food.
File E: Average Food Consumption File	one record per food (identified by 7-character food code)	376	Contains food-specific averages for various population subgroups: consumer-day statistics based on File C, and 3-day consumption averages based on File D.
File F: Average Food-Form Consumption File	one record per food form (identified by food code and 2-digit form code)	691	Contains food-form-specific averages for various population subgroups: consumer-day statistics based on File A, and 3-day consumption averages based on File B.
File G: Average Menu-Category Consumption File	one record per menu category per population subgroup	348	Contains average consumer-day consumption estimates based on File C for each menu category -- for the overall population and for various population subgroups.

b) File B: Individual Food-Form Consumption File
OS Data Set Name: TAS.SASFILE.INFFRM
SAS Data Set Name: INFFRM
Location: Real #3, LABEL=(1,SL)
RECFM=U, BLKSIZE=32760, #BLOCKS=3160
#OBSERVATIONS=30,700
#VARIABLES=764

c) File C: Person-Day Food Consumption File
OS Data Set Name: TAS.SASFILE.PDFOOD
SAS Data Set Name: PDFOOD
Location: Reel #4, LABEL=(1,SL)
RECFM=U, BLKSIZE=32760, #BLOCKS=3414
#OBSERVATIONS=87,668
#VARIABLES=307

d) File D: Individual Food Consumption File
OS Data Set Name: TAS.SASFILE.INFOOD
SAS Data Set Name: INFOOD
Location: Reel #5, LABEL=(1,SL)
RECFM=U, BLKSIZE=32760, #BLOCKS=1860
#OBSERVATIONS=30,770
#VARIABLES=453

e) File E: Average Food Consumption File
OS Data Set Name: TAS.SASFILE.AVGFOOD
SAS Data Set Name: AVGFOOD
Location: Reel #5, LABEL=(2,SL)
RECFM=U, BLKSIZE=32760, #BLOCKS=23
#OBSERVATIONS=376
#VARIABLES=76

f) File F: Average Food-Form Consumption File
OS Data Set Name: TAS.SASFILE.AVGFFRM
SAS Data Set Name: AVGFFRM
Location: Reel #5, LABEL=(3,SL)
RECFM=U, BLKSIZE=32760, #BLOCKS=27
#OBSERVATIONS=691
#VARIABLES=72

g) File G: Average Menu Category File
OS Data Set Name: TAS.SASFILE.AVGMENU
SAS Data Set Name: AVGMENU
Location: Reel #5, LABEL=(4,SL)
RECFM=U, BLKSIZE=32760, #BLOCKS=36
#OBSERVATIONS=348
#VARIABLES=7

2. CONSTRUCTION AND CONTENT OF THE TAS FOOD CONSUMPTION DATA FILES

Section 2.1 provides a brief description of the USDA Food Form File that furnished the source data for the TAS food consumption files. Further information regarding the construction of this file can be found in Interim Report Number 1, entitled The Construction of a Raw Agricultural Commodity Consumption Data Base (RTI Project 252U-2123-7, April 1983), by SB White, et al. Sections 2.2 through 2.8 of this report describe the seven TAS analysis files created from the USDA Food Form File, and additional information on these files is available in Documentation of Analysis Files and Statistical Methods Used in the Tolerance Assessment System (RTI Report 2751/04-9F, July 1985).

2.1 The USDA Food Form File

The USDA Food Form File contained four records per survey respondent. The first record contained data characterizing the particular sample member and his/her household as shown in Table 2. All of these variables were derived directly from the USDA survey data; sampling weights (WGHT), however, were revised as described in White, et al. (1983).

In addition to some of the identification variables shown in Table 2, the remaining three records for each respondent -- one for each reporting day -- contained data on the variables shown in Table 3. Data for the first seven variables were extracted directly from the USDA survey data files. The remaining variables relate to consumption and were constructed in the manner described in White, et al. (1983) and briefly summarized in the following paragraph.

Prior to the development of the USDA Food Form File, 376 unique foods had been identified. These are shown in Appendix A. In addition, 36 possible food-form codes, as shown in Table 4, had been identified. The recipe information contained in the Food Composition File allowed each USDA food-item code to be decomposed into its respective food forms (by eating occasions within each respondent-day), and by aggregating over all of the individual's eating occasions and food items on that day, estimated consumption values of the various food forms for that respondent-day were determined. One of the 376 originally-specified foods was treated as a special case -- namely, water (exclusive of water inherent in foods or of water used in, and absorbed during cooking). Unlike the other food items

Table 2. LIST OF PERSON- AND HOUSEHOLD-CHARACTERISTIC VARIABLES RETAINED ON EACH RESPONDENT IN USDA SURVEY *

Number	Variable	Description
1	HSEID	Household ID number
2	SEG	Segment code
3	HSEUNIT	Housing unit number
4	DATE	Date (dummy)
5	DOW	Day of week
6	SEASON	Season
7	REGION	Region
8	URBAN65	1965 Urbanization code
9	INCLAS	Income class
10	TOTPERS	Total number of persons in household
11	SAMP	Designation of sample code
12	PERNO	Person number
13	RELHEAD	Relationship to head code
14	AGELESS1	Age (under 12 months)
15	AGEOVER1	Age (1 year and over)
16	SEX	Sex
17	PNCODE	Pregment/nuring code
18	DOB	Date of birth
19	HEIGHT	Height (inches)
20	PWEIGHT	Weight (pounds)
21	SPDIET	Special diet (yes/no)
22	ORGDIET	Origin of special diet
23	WGHT	USDA sampling weight
24	RACE	Race
25	DESCENT	Origin of descent
26	DAYAVG	Day/average code
27	MHOHEMP	Number hours usually employed (male HOH)
28	MHOHOCC	Occupation (male HOH)
29	FHOHEMP	Number hours usually employed (female HOH)
30	FHOHOCC	Occupation (female HOH)
31	VEGY	Vegetarian (yes/no)
		If Vegetarian, do you eat:
32	POULTRY	Poultry?
33	FISH	Fish?
34	EGGS	Eggs?
35	DAIRY	Dairy products?
36	FRUITS	Fruits?
37	NUTS	Nuts?
38	DRIED	Dried peas/beans?
39	VEGTBL	Vegetables?
40	CEREAL	Cereal/grain products?
41	MEATSUB	Vegetable based mean substitutes?

* See White, et al. (1983) for more information on these variables.

Table 3. ADDITIONAL DAY-SPECIFIC VARIABLES ON THE USDA FOOD FORM FILE

Variable	Description
DAYNO	Day number
WATER	Did you drink water today?
NOCUPS	Number of cups of water
TYPDIET	Diet typical?
REASDIET	Reason for incomplete consumption data
RELDAY	Relationship of day to day of interview
NFFRMS	Number of food forms with positive consumption
RAC_i	3-digit code uniquely identifying the i^{th} food ($i = 1, 2, \ldots,$ NFFRMS)
$FFORM_i$	Food form code, as shown in Table 4
X_i	Food form consumption, in grams

Table 4. ORIGINAL FORM CODES AND THE FREQUENCY WITH WHICH THEY OCCURRED --AMONG 273 FOODS (1132 FOOD FORMS) WITH POSITIVE CONSUMPTION OBSERVED IN 48-STATE SURVEY

Form Code	Description*			No. of Foods With Form Code
10	Raw	Fresh or NFS		158
11	Raw	Fresh	PCC	19
12	Raw	Fresh	Dried	8
13	Raw	Fresh	Marinated	5
15	Raw	Fresh or Canned		13
16	Raw	Fresh or Canned	PCC	1
20	(invalid code -- same as 21)			34
21	Cooked	Fresh		200
22	Cooked	Fresh	Baked	97
23	Cooked	Fresh	Boiled	51
24	Cooked	Fresh	Broiled	17
25	Cooked	Fresh	Fried	68
26	Cooked	Fresh	PCC	25
30	(invalid code -- same as 31)			2
31	Cooked	Fresh or Canned		110
32	Cooked	Fresh or Canned	Baked	23
33	Cooked	Fresh or Canned	Boiled	7
36	Cooked	Fresh or Canned	PCC	3
40	Raw	Canned		1
45	Raw	Fresh or Frozen		3
50	Cooked	Canned	Dried	1
51	Cooked	Canned		36
52	Cooked	Canned	Baked	3
53	Cooked	Canned	Boiled	42
56	Cooked	Canned	PCC	2
62	Cooked	Fresh or Frozen	Baked	59
63	Cooked	Fresh or Frozen	Boiled	16
65	Cooked	Fresh or Frozen	Fried	4
70	Raw	Frozen		16
71	Raw	Frozen	PCC	8
72	Raw	Frozen	Dried	4
75	Raw	Canned or Frozen		5
81	Cooked	Frozen		20
82	Cooked	Frozen	Baked	63
91	Cooked	Canned or Frozen		3
93	Cooked	Canned or Frozen	Boiled	5

* NFS - not further specified
PCC - pickled, corned, or salt cured

of the USDA survey, which were reported by eating occasion, only a single daily estimate of water consumption was provided by the USDA survey respondents for each reporting day. This reported amount (in cups/day) was converted to grams/day by equating one cup to 236.6 grams.

Of the 376 originally specified foods, a positive consumption was "reported" for only 273 foods and 1132 food forms. For certain types of foods -- namely, herbs and spices -- positive consumption values were not possible, since the method used for converting USDA food items into TAS food-form codes had purposely ignored such foods (because they were judged to comprise less than 0.1% of the food item). Positive consumption for all other TAS food codes could potentially have been obtained; however, none of the 30,770 survey respondents reported any consumption of certain foods (as translated from USDA food item codes) during their three-day reporting period. The distribution of the number of foods associated with the various form codes is shown in Table 4.

2.2 File A: Person-Day Food-Form Consumption File

An analysis of the USDA Food Form File was carried out in order to obtain average consumption estimates for each food and each food form. These estimates were applicable to the 48-state population, since the averages were determined by weighting the individual consumption values in accordance with the sampling weights associated with each USDA survey respondent. For each food, these estimates were used to construct the percentage distribution of its consumption by food form. These distributions were examined in order to determine a method for collapsing and/or restructuring the 36 form codes (at least for some foods). The reduction process is described in Section 2.2 of RTI Report 2751/04-9F, and the result was to reduce the number of food forms associated with the 273 positive-consumption foods from 1132 to 588. (If all 376 foods are considered, then the number of food forms is 691.) The 36 codes given in Table 4 were reduced to those shown in Table 5; this latter table also indicates the frequency with which the various form codes occur among the 588 food forms.

In constructing File A from the USDA Food Form File, the following corrections and additions were also made:

Table 5. NEW, COLLAPSED FORM CODES AND THE FREQUENCY WITH WHICH THEY OCCUR -- AMONG 588 (NEW) FOOD FORMS

(New) Form Code	Description	No. of Foods With (New) Form Code
00	Not specified (no consumption observed)	---
10	Raw -- Fresh or Not Further Specified	150
11	Raw -- Fresh -- Pickled, Corned, or Salt Cured	5
12	Raw -- Fresh -- Dried	2
15	Raw -- Fresh or Canned	11
70	Raw -- Frozen	2
18	Processed Oil	10
21	Cooked -- Not Further Specified	195
22	Cooked -- Fresh -- Baked	50
23	Cooked -- Fresh -- Boiled	19
24	Cooked -- Fresh -- Broiled	2
25	Cooked -- Fresh -- Fried	31
26	Cooked -- Fresh -- Pickled, Corned, or Salt Cured	7
31	Cooked -- Fresh or Canned	59
32	Cooked -- Fresh or Canned -- Baked	2
51	Cooked -- Canned	15
53	Cooked -- Canned -- Boiled	4
62	Cooked -- Fresh or Frozen -- Baked	16
63	Cooked -- Fresh or Frozen -- Boiled	7
81	Cooked -- Frozen	1

1) One invalid USDA PSU code (code 576) was corrected (to code 575).

2) New stratum codes were created. The 48-state USDA survey involved 111 strata; one PSU per stratum was selected. In order to compute approximate standard errors of mean consumption estimates, at least two PSUs per stratum are necessary. Hence, the original 111 stratum codes were collapsed into 25 stratum codes for analysis purposes. Table 6 defines these 25 strata.

3) Additional variables for defining the TAS population subgroups of interest were created and added to File A. The standard TAS population subgroups are identified in Table 7. The first nine subgroups were identifiable directly from the USDA Food Form File. Subgroups 10 through 13 were determined from the "race" and "origin of descent" variables (see Table 2); subgroups 14 through 23 were determined from the "sex" variable, the two "age" variables, and the "pregnant/nursing" code variable.

4) Body weight was converted from pounds to kilograms.

The complete set of variables appearing in File A is given in Table 8; the file is structured as a single SAS dataset with 87,668 person-day records. Index values for the consumption variables DFF1 through DFF588 shown in this table conform to the values of PRFINDX in File F (see Table 13 and Appendix A). All records form the original USDA survey data were retained that were indicated as having complete data for the particular person-day (INCOMP = 'blank' or INCOMP = 2).

2.3 File B: Individual Food-Form Consumption File

As depicted in Figure 1, the consumption data in File B provides information at the food-form level for each person (survey respondent) and represents an average over the respondent's three-day reporting period (or over the one- or two-day period that the respondent furnished complete data). Zero consumption values are treated exactly as positive consumption values in constructing the averages; hence, if a respondent consumed 3 grams per kg body weight of a particular food form on one day but did not consume this item on the other two reporting days, then his/her average would be 1 gram per kg body weight. Form code modifications, PSU and stratum code revisions, creation of additional variables, and body weight conversions were performed for File B in the same manner as for File A.

Table 6. CONSTRUCTION OF STRATUM CODES FOR COMPUTING APPROXIMATE STANDARD ERRORS

Stratum Code	Census Region	Zone	No. of PSUs
11	1	C	2
31	1	S	3
51	1	R	2
12	2	C	8
32	2	S	9
52	2	R	4
13	3	C	7
33	3	S	8
53	3	R	6
14	4	C	2
34	4	S	2
54	4	R	5
15	5	C	4
35	5	S	6
55	5	R	7
16	6	C	2
56	6	R	4
17	7	C	4
37	7/6	S	3*
57	7	R	5
18	8	C	2
58	8	R	2
19	9	C	5
39	9/8	S	7**
59	9	R	2

* Includes 2 PSUs from census region 7 and one PSU from census region 6.
** Includes 6 PSUs from census region 9 and one PSU from census region 8.

Definition of Zones:
C = Central city
S = Suburban metropolitan area
R = Rural or non-metropolitan area

Definition of Census Regions:
1 = New England
2 = Mid-Atlantic
3 = E. North Central
4 = W. North Central
5 = South Atlantic
6 = E. South Central
7 = W. South Central
8 = Mountain
9 = Pacific

Table 7. STANDARD TAS POPULATION SUBGROUPS FOR CHRONIC ANALYSES

Subgroup Number	Definition
1	US Population -- 48 States -- All Seasons
2	Season: US Population (48 States) - Spring
3	- Summer
4	- Fall
5	- Winter
6	Region: Northeast (census regions 1 and 2)
7	North Central (census regions 3 and 4)
8	Southern (census regions 5, 6, and 7)
9	Western (census regions 8 and 9)
10	Race/Ethnicity: Hispanics
11	Non-hispanic whites
12	Non-hispanic blacks
13	Other non-hispanics
14	Age/Sex, etc: Nursing infants (less than 1 year old)
15	Non-nursing infants
16	Females, 13+ years old, pregnant, not nursing
17	Females, 13+ years old, nursing
18	Children, 1-6 years old
19	Children, 7-12 years old
20	Males, 13-19 years old
21	Females, 13-19 years old (not pregnant or nursing)
22	Males, 20+ years old
23	Females, 20+ years old (not pregnant or nursing)

Table 8. VARIABLES APPEARING ON FILE A: PERSON-DAY FOOD-FORM CONSUMPTION FILE

Number	Variable	Source or Description
1	HSEID	Extracted from USDA Survey Data, defined in Table 2
2	SEG	
3	HSEUNIT	
4	DOW	
5	SEASON**	
6	REGION**	
7	TOTPERS	
8	PERNO	
9	AGELESS1	
10	AGEOVER 1	
11	SEX	
12	PNCODE	
13	SPDIET	
14	ORGDIET	
15	WGHT	
16	RACE	
17	DESCENT	
18	VEGY	
19	DAYNO	Extracted from USDA Survey Data, defined in Table 3
20	WATER	
21	NOCUPS	
22	TYPDIET	
23	REASDIET	
24	INCOMP	
25	RELDAY	
26	STRATUM	Stratum and PSU codes based on the variable SEG
27	PSU	
28	ACUTCAT*	Acute-analysis population subgroup identified based on variables 9, 10, 11
29	FRACE**	Ethnicity categories based on variables 16 and 17 (values 1-4 correspond to subgroups 10-13 in Table 7)
30	PRNAS**	Age/sex categories based on variables 9, 10, 11, 12 (values 1-10 correspond to subgroups 14-23 in Table 7)
31	PWEIGHT	Body weight, in kilograms
32	RECTYPE	Day within person indicator
33	NFFRMS	Number of food forms with positive consumption
34-621	DFF1 - DFF588	Daily food-form consumption values for 588 food forms, in g/kg body weight

Table 8 (continued)

* Values correspond to the following subpopulations:
1 = infants
2 = children 1-6 years
3 = Females 13+ years
4 = Males 13+ years
5 = Others (children 7-12 years).
** See Table 7 for definition of values.

Variables appearing on File B are shown in Table 9; the file is structured as a single SAS dataset with 30,770 records. The consumption variables RF1 through RF691 are ordered in accordance with the values of RFINDX in File F (see Table 13 and Appendix A).

2.4 File C: Person-Day Food Consumption File

File C is similar to File A in that one record per person-day occurs. Consumption data is maintained at the food level rather than at food-form level, however. Variables appearing on File C are given in Table 10, and the file is structured as a single SAS dataset with 87,668 person-day records.

2.5 File D: Individual Food Consumption File

The Individual Food Consumption File, File D, was developed from File C in exactly the same manner that File B was obtained from File A -- namely, by averaging the (food-level) consumption data over individuals' reporting days. File D contains one record per respondent (30,770 records) and provides consumption data for 376 foods. Variables appearing on this file are listed in Table 11. The file is maintained as a single SAS dataset.

2.6 File E: Average Food Consumption File

The construction of File E involved four major steps:[2]

1. Generation of appropriately weighted mean consumption estimates for each food, by population subgroup (see Table 7).
2. Generation of approximate standard error estimates for these mean estimates.
3. Generation of consumer-day consumption statistics, where a consumer-day is defined as a person-day on which a particular food is consumed.
4. Merging of the estimates from the above steps with other information to form File E.

These steps are described in detail in Section 2.5 of RTI Report 2751/04-9F. The three-day consumption averages and standard errors computed in

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2/ Steps 1 and 2 were actually performed simultaneously, but are described separately here.

Table 9. VARIABLES APPEARING ON FILE B: INDIVIDUAL FOOD-FORM CONSUMPTION FILE

Number	Variable	Description	
1-41	---	Same as those shown in Table 2*	
42-44	DAYAVG1-DAYAVG3	Day/Average code	For Sample Days 1,2,3
45-47	DAYCODE1-DAYCODE3	Day code	
48-50	WATER1-WATER3	Drink water today?	
51-53	NCUPS1-NCUPS3	Number of cups of water	
54-56	TYPDIET1-TYPDIET3	Diet typical?	
57-59	NONTYP1-NONTYP3	Reason for atypical diet	
60-62	INCOMP1-INCOMP3	Explanation of incomplete entry	
63-65	RELDAY1-RELDAY3	Relation of sample day to day of interview	
66-68	RACS1-RACS3	Number of foods on sample day	
69	PSU	PSU code (first 3 digits of segment code, edited)	
70	STRATUM	Stratum code (see Table 6)	
71	FRACE	Race/ethnicity indicator (values 1-4 correspond to subgrops 10-13 in Table 7)	
72	PRNAS	Age/sex, etc. indicator (values 1-10 correspond to subgroups 14-23 in Table 7)	
73	NRACFS	No. of food forms with positive consumption within 3-day reporting period	
74-764	RF1-RF691	Average 3-day food-form consumption for 691 food forms (includes food forms with zero consumption)	

* The variable PWEIGHT is converted to kilograms.

Table 10. VARIABLES APPEARING ON FILE C: PERSON-DAY FOOD CONSUMPTION FILE

Number	Variable	Description
1-31	---	same as those for File A (Table 8)
32	NOFOODS	Number of foods with positive consumption for the particular person-day
33-305	S99, S100, ..., S999*	Daily food consumption values for 273 foods, in g/kg body weight (indexes on the variables are nonsequential)
306	S1	Daily total consumption, in g/kg body weight, excluding all water
307	S972	Daily beer consumption, in g/kg body weight, (consumption is also included among variables 33-305)

* Indexes correspond to the variable RAC of File E (see Table 12 and Appendix A); the ordering of the variables is given by the variable PINDX of File E.

Table 11. VARIABLES APPEARING ON FILE D: INDIVIDUAL FOOD CONSUMPTION FILE

Number	Variable	Description
1-72	---	same as those for File B (Table 9)
73	RAC_NOFM	same as NRACFS on File B (Table 9)
74	TOTRACS	Number of foods with positive consumption within 3-day reporting period
75-450	S99, S100, ..., S999*	Average daily food consumption values (over three-day reporting period) for 376 foods, in g/kg body weight/day (indexes on the variables are nonsequential)
451	S1	Average daily total consumption (over three-day reporting period), in g/kg body weight/day, excluding all water
452	S972	Average daily beer consumption (over three-day reporting period), in g/kg body weight/day (consumption is also included among variables 74-450)
453	TOTDIET	Average daily total consumption (over three-day reporting period), in grams per day, excluding all water)

* Indexes correspond to the variable RAC of File E (see Table 12 and Appendix A); the ordering of the variables is given by the variable INDX of File E.

steps 1 and 2 are based on consumption data from File D; the consumer-day averages (step 3) are based on consumption data from File C.

File E is a SAS dataset that contains one record for each of the 376 foods, and the variables appearing in File E are shown in Table 12. Four basic types of information are available for each food:

- food identification and grouping information;
- the subpopulation mean consumption estimates (Step 1), which are designated as XX1 through XX23;
- the approximate standard errors of these estimates (Step 2), which are designated as STDEX1 through STDEX23;
- the consumer-day proportions and consumer-day means (Step 3), designated as PCDAYS1 through PCDAYS6 and PDXX1 through PDXX6, respectively.

2.7 File F: Average Food-Form Consumption File

The construction of File F (from Files A and B) closely parallels the development of File E (from Files C and D); the types of consumption information and the computational formulas are completely analogous. File F simply contains information at the food-form level rather than at the food level. The file consequently has 691 records. Variables appearing on File F (a SAS dataset) are given in Table 13. The PCT variables were computed as 100 percent times the XXRF variate divided by the corresponding XX variate from File E.

2.8 File G: Average Menu-Category Consumption File

Two of the TAS analysis options utilize mean consumption data aggregated beyond the specific food or food-form level -- namely, foods are grouped into menu categories. Six menu patterns were developed for purposes of these analyses (i.e., six different groupings of the 376 foods) that depend on the chemical type and acute-exposure population subgroup to which the analysis will apply. The six menu patterns are designated by Roman numerals as shown below:

Table 12. VARIABLES APPEARING ON FILE E: AVERAGE FOOD CONSUMPTION FILE

Variable Name	Description
EPARAC	Seven-character food code
ERAC	Food group code (first five digits of EPARAC)
CROPGR*	One-letter code identifying the crop group (e.g., M = stone fruits)
INDX	Index identifying the order of the food consumption variables on File D (values of INDX range from 1 to 376 and correspond uniquely with EPARAC values)
PINDX	Index identifying the order of the food consumption variables on File C (values of PINDX range from 1 to 273 and correspond to foods with positive consumption in survey)
RAC	Index identifying the food codes used on the USDA Food Form File (values of RAC range from 99 to 999 [with gaps] and correspond uniquely to EPARAC values)
RACNAME	43-character description or name for the food
SRACNAME	16-character, abbreviated version of RACNAME
CFAC	Conversion factor for adjusting consumption from a processed state (e.g., juice, dried fruit) to a raw, "farm gate" state
XX1-XX23	Mean food consumption estimates for the 23 subgroups identified in Table 7, in grams per kg of body weight per day
STDEX1-STDEX23	Approximate standard error estimates for XX1, XX2, ..., XX23
DATASORC	Data source code for XX1
MCODE**	Menu pattern identifier
WSMENU1-WSMENU3**	Menu category identifiers for menu patterns I, II, and III (values 1-29 from Table 14)
NWSMENU1-NWSMENU3**	Menu category identifiers for menu patterns I-F, II-F, and III-F (values 1-29 from Table 14)
PCDAYS1-PCDAYS6***	Estimated percentage of person-days that are consumer-days for six acute-exposure subpopulations
PDXX1-PDXX6***	Estimated mean consumer-day consumption, in g/kg body weight/day, for six acute-exposure subpopulations
NUMFF	Number of food forms associated with the particular food

Table 12 (continued)

* Crop Group Codes:

A = Group Unspecified
B = Root and Tuber Veg.
C = Leaves of Root & Tuber Veg.
D = Bulb Veg. (Allium Spp.)
E = Leafy Veg. (excl. Brassica Veg.)
F = Brassica Leafy Veg.
G = Legume Veg. (Succulent or Dried)
H = Foliage of Legume Veg.
I = Fruiting Veg. (excl. Cucurbits)
J = Fruiting Veg. (Cucurbits)
K = Citrus Fruits
L = Pome Fruits
M = Stone Fruits
N = Small Fruits & Berries
O = Cereal Grains
P = Grass Forage, Fodder & Hay
Q = Non-Grass Animal Feeds
R = Tree Nuts
S = Herbs and Spices
T = Forage, Fodder, Straw of Cereal Grains
U = Red Meat
V = Poultry
W = Fish
X = Dairy Products

** See Section 2.8.

*** Acute-Exposure Subpopulation Codes:

1 = Overall 48-state population
2 = Infants
3 = Children 1-6 years old
4 = Females 13 years or older
5 = Males 13 years or older
6 = Children 7-12 years old

Table 13. VARIABLES APPEARING ON FILE F: AVERAGE FOOD-FORM CONSUMPTION FILE

Variable Name	Description
EPARAC, ERAC, CROPGR, INDX, RAC, RACNAME, SRACNAME, CFAC	Same as File E (Table 12)
RACFORM	Two-digit food-form code (see Table 5)
RFINDX	Index identifying the order of the food-form consumption variables on File B (values of RFINDX range from 1 to 691)
PRFINDX	Index identifying the order of the food-form consumption variables on File A (values of PFRINDX range from 1 to 588)
OALLCSMP	Estimated mean consumption of food-form for overall 48-state population, in grams/day
STDOALLC	Approximate standard error estimate for OALLCSMP
XXRF1-XXRF23	Mean food-form consumption estimates for the 23 subgroups identified in Table 7, in grams per kg of body weight per day
STDXXRF1	Approximate standard error estimate for XXRF1
PCT1-PCT23	Percentage of food-form mean consumption, relative to food mean consumption -- for 23 subgroups
PCDAYS1-PCDAYS6	Estimated percentage of person-days that are consumer-days*, for six acute-exposure subpopulations (see Table 12)
PDXX1-PDXX6	Estimated mean consumer-day* consumption, in g/kg body weight/day, for six acute-exposure subpopulations (see Table 12)

* Consumer-days are here defined as those person-days on which the particular food-form was consumed.

Applicable Population Subgroup	Chemical is Assumed Uniformly Distributed (Water:Oil)	Chemical is Fat Soluble
1. Overall 48-State Population	I	I-F
4. Females 13+ Years	I	I-F
5. Males 13+ Years	I	I-F
6. (Children 7-12 Years)*	I	I-F
2. Infants	II	II-F
3. Children 1-6 Years	III	III-F

* not used in TAS analyses

Each menu pattern is comprised of several menu categories. For each menu pattern, each food is assigned to exactly one menu category (defined by the variables WSMENU1 through WSMENU3 and NWSMENU1 through NWSMENU3 of File E [Table 12]). Across all six menu patterns, there are a total of 29 menu categories. These are identified in Table 14, which also indicates the number of foods in each such category. The table also shows, for instance, that menu pattern I is comprised of 17 menu categories.

File G contains a data record for each menu category within chemical type and subpopulation (29 categories times 2 chemical types times 6 subgroups = 348 data records). Variables appearing on File G are indicated in Table 15; the consumer-day estimates in this file are based on consumption data from File C.

Table 14. NUMBER OF FOODS, BY MENU PATTERN AND CATEGORY

Menu Category	Menu Pattern					
	I	I-F	II	II-F	III	III-F
1. Meats	46		46		46	
2. Dry beans, peanuts	19		19		19	
3. Eggs	3	3	3	3	3	3
4. Milk: non-fat solids	2	2	2	2	2	2
5. Milk: fat solids	1	1	1	1	1	1
6. Grains (exc. rice), soybeans, veg oils	30				30	
7. Starchy veg, inc. rice, sweetpotato	17	17			17	17
8. Tomatoes	5	5	5	5	5	5
9. Other veg, incl. brassica	72	72				
10. Fruits	98	98	98	98	98	98
11. Nuts and seeds	18	18	18	18	18	18
12. Sugars	6	6	6	6	6	6
13. Miscellaneous foods	53		53		53	
14. Water: food-based	1	1	1	1	1	1
15. Lean Meats		42		42		42
16. Meat Fat		4		4		4
17. Grains, excl. oils		24				24
18. Vegetable oils		10		10		10
19. Dry beans, peanuts (w/o oils)		18		18		18
20. Misc. foods (w/o veg oils)		50		50		50
21. Brassica vegetables			9	9	9	9
22. Other vegetables, excl. brassica			63	63	63	63
23. Soybeans			6			
24. Soybeans (w/o oils)				5		
25. Grains & starchy vegetables			41			
26. Grains & starchy vegetables (w/o oils)				36		
27. Water: non-food-based	1	1	1	1	1	1
28. Human milk -- inestimable	1	1	1	1	1	1
29. Inestimable RACs	3	3	3	3	3	3
TOTAL	376	376	376	376	376	376

Table 15. VARIABLES APPEARING ON FILE G: AVERAGE MENU-CATEGORY CONSUMPTION FILE

Variable	Description
MPAT	Menu category code (values 1-29 as in Table 14)
ASUBGR	Acute-exposure subpopulation indicator (values 1-6 as in Table 12)
PT	Menu pattern code (value 1, 2, or 3)
KMENU	Chemical type (1=uniformly soluble; 2=fat soluble)
TMUC	1000 * KMENU + 100 * PT + MPAT
PPPD	Estimated percentage of person-days that are consumer-days*
MCCONS	Estimated mean consumer-day consumption, in g/kg body weight/day*

* Consumer-days are here defined as those person-days on which any of the foods in the particular menu category were consumed.

REFERENCES

1. White SB, Petersen B, Clayton CA, Duncan DP. "The Construction of A Raw Agricultural Commodity Consumption Data Base." Research Triangle Institute, April 1983.

2. Clayton CA, White SB. "Documentation of Analysis Files and Statistical Methods Used in the Tolerance Assessment System." Research Triangle Institute, July 1985.

3. US Department of Agriculture, Nationwide Food Consumption Survey, 1977-78.

APPENDIX A

Listing of Foods and Food Forms Used in the Tolerance Assessment System

EPARAC	RAC INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
01002AA	139	37	31	1.000 BLACKBERRIES	N	55	55	10 RAW-FRESH OR NFS
						56	56	21 COOKED-NFS
						57	57	62 COOKED-FRESH OR FROZEN-BAKED
01003AA	141	39	33	1.000 BOYSENBERRIES	N	62	62	10 RAW-FRESH OR NFS
01004AA	193	84	.	1.000 DEWBERRIES	N	604	0	00 NOT SPECIFIED (NO CONSUMPTION)
01005AA	238	126	.	1.000 LOGANBERRIES	N	611	0	00 NOT SPECIFIED (NO CONSUMPTION)
01006AA	315	192	157	1.000 RASPBERRIES	N	326	326	10 RAW-FRESH OR NFS
						327	327	15 RAW-FRESH OR CANNED
						328	328	31 COOKED-FRESH OR CANNED
						329	329	62 COOKED-FRESH OR FROZEN-BAKED
						330	330	70 RAW-FROZEN
01007AA	384	248	.	1.000 YOUNGBERRIES	N	635	0	00 NOT SPECIFIED (NO CONSUMPTION)
01009AA	140	38	32	1.000 BLUEBERRIES	N	58	58	10 RAW-FRESH OR NFS
						59	59	21 COOKED-NFS
						60	60	22 COOKED-FRESH-BAKED
						61	61	62 COOKED-FRESH OR FROZEN-BAKED
01010AA	183	76	64	1.000 CRANBERRIES	N	130	130	10 RAW-FRESH OR NFS
						131	131	21 COOKED-NFS
						132	132	31 COOKED-FRESH OR CANNED
01010JA	390	254	206	1.100 CRANBERRIES-JUICE	N	441	441	15 RAW-FRESH OR CANNED
						442	442	31 COOKED-FRESH OR CANNED
01011AA	189	81	66	1.000 CURRANTS	N	136	136	10 RAW-FRESH OR NFS
						137	137	21 COOKED-NFS
						138	138	22 COOKED-FRESH-BAKED
01012AA	195	86	70	1.000 ELDERBERRIES	N	146	146	10 RAW-FRESH OR NFS
01013AA	201	92	75	1.000 GOOSEBERRIES	N	158	158	62 COOKED-FRESH OR FROZEN-BAKED
01014AA	206	95	78	1.000 GRAPES-FRESH	N	163	163	10 RAW-FRESH OR NFS
						164	164	21 COOKED-NFS
						165	165	31 COOKED-FRESH OR CANNED
01014DA	207	96	79	4.300 GRAPES-RAISINS	N	166	166	10 RAW-FRESH OR NFS
						167	167	21 COOKED-NFS
						168	168	22 COOKED-FRESH-BAKED
01014JA	392	256	208	1.200 GRAPES-JUICE	N	445	445	10 RAW-FRESH OR NFS
						446	446	15 RAW-FRESH OR CANNED
						447	447	21 COOKED-NFS
01015AA	216	105	.	1.000 HUCKLEBERRIES (GAYLUSSACIA)	N	608	0	00 NOT SPECIFIED (NO CONSUMPTION)
01016AA	346	218	176	1.000 STRAWBERRIES	N	374	374	10 RAW-FRESH OR NFS
						375	375	21 COOKED-NFS

EPARAC	RAC INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
						376	376	70 RAW-FROZEN
01024AA	394	258	.	1.000 JUNEBERRY	N	637	0	00 NOT SPECIFIED (NO CONSUMPTION)
01025AA	400	263	.	1.000 MULBERRIES	A	642	0	00 NOT SPECIFIED (NO CONSUMPTION)
02001AA	166	60	50	1.000 CITRUS CITRON	K	101	101	22 COOKED-FRESH-BAKED
02002AA	993	373	.	1.000 GRAPEFRUIT-UNSPECIFIED	K	688	0	00 NOT SPECIFIED (NO CONSUMPTION)
02002AB	202	93	76	1.000 GRAPEFRUIT-PULP	K	159	159	10 RAW-FRESH OR NFS
						160	160	21 COOKED-NFS
02002JA	204	94	77	2.100 GRAPEFRUIT-JUICE	K	161	161	15 RAW-FRESH OR CANNED
						162	162	31 COOKED-FRESH OR CANNED
02003AA	221	110	90	1.000 KUMQUATS	K	183	183	10 RAW-FRESH OR NFS
02004AA	227	116	95	1.000 LEMONS-UNSPECIFIED	K	193	193	10 RAW-FRESH OR NFS
						194	194	22 COOKED-FRESH-BAKED
02004AB	224	113	92	1.000 LEMONS-PULP	K	185	185	10 RAW-FRESH OR NFS
						186	186	31 COOKED-FRESH OR CANNED
02004HA	225	114	93	1.000 LEMONS-PEEL	K	187	187	10 RAW-FRESH OR NFS
						188	188	21 COOKED-NFS
02004JA	226	115	94	2.000 LEMONS-JUICE	K	189	189	10 RAW-FRESH OR NFS
						190	190	15 RAW-FRESH OR CANNED
						191	191	21 COOKED-NFS
						192	192	31 COOKED-FRESH OR CANNED
02005AA	237	125	.	1.000 LIMES-UNSPECIFIED	K	610	0	00 NOT SPECIFIED (NO CONSUMPTION)
02005AB	234	122	101	1.000 LIMES-PULP	K	201	201	10 RAW-FRESH OR NFS
02005HA	235	123	102	1.000 LIMES-PEEL	K	202	202	21 COOKED-NFS
02005JA	236	124	103	2.000 LIMES-JUICE	K	203	203	10 RAW-FRESH OR NFS
						204	204	15 RAW-FRESH OR CANNED
						205	205	31 COOKED-FRESH OR CANNED
02006AA	994	374	.	1.000 ORANGES-UNSPECIFIED	K	689	0	00 NOT SPECIFIED (NO CONSUMPTION)
02006AB	260	146	119	1.000 ORANGES-PULP	K	240	240	10 RAW-FRESH OR NFS
						241	241	21 COOKED-NFS
02006HA	261	147	120	1.000 ORANGES-PEEL	K	242	242	21 COOKED-NFS
						243	243	22 COOKED-FRESH-BAKED
						244	244	31 COOKED-FRESH OR CANNED
02006JA	262	148	121	1.800 ORANGES-JUICE	K	245	245	15 RAW-FRESH OR CANNED
						246	246	31 COOKED-FRESH OR CANNED
02007AA	355	225	182	1.000 TANGELOS	K	389	389	10 RAW-FRESH OR NFS

EPARAC	RAC INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
02008AA	356	226	183	1.000 TANGERINES	K	390	390	10 RAW-FRESH OR NFS
02008JA	388	252	204	1.800 TANGERINE-JUICE	K	438	438	15 RAW-FRESH OR CANNED
03001AA	101	2	3	1.000 ALMONDS	R	2	2	10 RAW-FRESH OR NFS
						3	3	21 COOKED-NFS
						4	4	22 COOKED-FRESH-BAKED
03002AA	143	41	35	1.000 BRAZIL NUTS	R	66	66	10 RAW-FRESH OR NFS
						67	67	21 COOKED-NFS
03003AA	157	52	44	1.000 CASHEWS	R	89	89	10 RAW-FRESH OR NFS
						90	90	21 COOKED-NFS
03004AA	163	58	48	1.000 CHESTNUTS	R	99	99	21 COOKED-NFS
03005AA	198	89	73	1.000 FILBERTS, HAZELNUTS	R	152	152	10 RAW-FRESH OR NFS
						153	153	21 COOKED-NFS
						154	154	22 COOKED-FRESH-BAKED
03006AA	212	101	82	1.000 HICKORY NUTS	R	173	173	10 RAW-FRESH OR NFS
03007AA	242	130	104	1.000 MACADAMIA NUTS (BUSH NUTS)	R	206	206	10 RAW-FRESH OR NFS
03008AA	285	165	136	1.000 PECANS	R	276	276	10 RAW-FRESH OR NFS
						277	277	21 COOKED-NFS
						278	278	22 COOKED-FRESH-BAKED
						279	279	23 COOKED-FRESH-BOILED
						280	280	62 COOKED-FRESH OR FROZEN-BAKED
03009AA	373	239	193	1.000 WALNUTS	R	413	413	10 RAW-FRESH OR NFS
						414	414	21 COOKED-NFS
						415	415	22 COOKED-FRESH-BAKED
03010AA	147	44	.	1.000 BUTTER NUTS	R	595	0	00 NOT SPECIFIED (NO CONSUMPTION)
03011AA	297	176	145	1.000 PISTACHIO NUTS	A	300	300	10 RAW-FRESH OR NFS
03013AA	135	34	.	1.000 BEECHNUTS	R	594	0	00 NOT SPECIFIED (NO CONSUMPTION)
04001AA	102	3	4	1.000 APPLES-FRESH	L	5	5	10 RAW-FRESH OR NFS
						6	6	21 COOKED-NFS
						7	7	31 COOKED-FRESH OR CANNED
						8	8	62 COOKED-FRESH OR FROZEN-BAKED
04001DA	103	4	5	8.000 APPLES-DRIED	L	9	9	10 RAW-FRESH OR NFS
						10	10	22 COOKED-FRESH-BAKED
						11	11	62 COOKED-FRESH OR FROZEN-BAKED
04001JA	389	253	205	1.500 APPLES-JUICE	L	439	439	15 RAW-FRESH OR CANNED
						440	440	31 COOKED-FRESH OR CANNED
04002AA	182	75	.	1.000 CRABAPPLES	L	600	0	00 NOT SPECIFIED (NO CONSUMPTION)

EPARAC	RAC INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
04003AA	279	161	132	1.000 PEARS-FRESH	L	266	266	10 RAW-FRESH OR NFS
						267	267	31 COOKED-FRESH OR CANNED
						268	268	51 COOKED-CANNED
						269	269	62 COOKED-FRESH OR FROZEN-BAKED
04003DA	280	162	133	4.400 PEARS-DRIED	L	270	270	10 RAW-FRESH OR NFS
						271	271	21 COOKED-NFS
04004AA	310	188	.	1.000 QUINCES	L	621	0	00 NOT SPECIFIED (NO CONSUMPTION)
05001AA	105	5	6	1.000 APRICOTS-FRESH	M	12	12	10 RAW-FRESH OR NFS
						13	13	21 COOKED-NFS
05001DA	106	6	7	6.000 APRICOTS-DRIED		14	14	31 COOKED-FRESH OR CANNED
05002AA	162	57	47	1.000 CHERRIES-FRESH	M	15	15	10 RAW-FRESH OR NFS
						16	16	22 COOKED-FRESH-BAKED
05002DA	385	249	.	4.000 CHERRIES-DRIED	M	95	95	10 RAW-FRESH OR NFS
05002JA	391	255	207	1.500 CHERRIES-JUICE		96	96	21 COOKED-NFS
						97	97	31 COOKED-FRESH OR CANNED
05003AA	253	139	112	1.000 NECTARINES		98	98	62 COOKED-FRESH OR FROZEN-BAKED
05004AA	272	157	128	1.000 PEACHES-FRESH	M	636	0	00 NOT SPECIFIED (NO CONSUMPTION)
05004DA	273	158	129	7.000 PEACHES-DRIED	M	443	443	15 RAW-FRESH OR CANNED
						444	444	21 COOKED-NFS
05005AA	300	179	147	1.000 PLUMS(DAMSONS)-FRESH	M	223	223	10 RAW-FRESH OR NFS
05005DA	301	180	148	3.000 PLUMS-PRUNES(DRIED)	M	256	256	10 RAW-FRESH OR NFS
						257	257	21 COOKED-NFS
05005JA	302	181	149	1.400 PLUMS, PRUNE-JUICE		258	258	31 COOKED-FRESH OR CANNED
						259	259	51 COOKED-CANNED
06001AA	111	10	10	1.000 AVOCADOS	M	260	260	10 RAW-FRESH OR NFS
						261	261	21 COOKED-NFS
06002AA	115	14	14	1.000 BANANAS-UNSPECIFIED	M	304	304	10 RAW-FRESH OR NFS
						305	305	31 COOKED-FRESH OR CANNED
06002AB	113	12	12	1.000 BANANAS-FRESH	M	306	306	10 RAW-FRESH OR NFS
						307	307	21 COOKED-NFS
						308	308	31 COOKED-FRESH OR CANNED
					M	309	309	10 RAW-FRESH OR NFS
						310	310	62 COOKED-FRESH OR FROZEN-BAKED
					A	20	20	10 RAW-FRESH OR NFS
					A	27	27	22 COOKED-FRESH-BAKED
					A	22	22	10 RAW-FRESH OR NFS
						23	23	21 COOKED-NFS
						24	24	31 COOKED-FRESH OR CANNED

EPARAC	RAC INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
06002DA	114	13	13	3.900 BANANAS-DRIED	A	25	25	10 RAW-FRESH OR NFS
						26	26	21 COOKED-NFS
06003AA	171	65	55	1.000 COCONUT-FRESH	A	115	115	10 RAW-FRESH OR NFS
06003DA	170	64	54	2.100 COCONUT-COPRA	A	111	111	10 RAW-FRESH OR NFS
						112	112	21 COOKED-NFS
						113	113	22 COOKED-FRESH-BAKED
						114	114	62 COOKED-FRESH OR FROZEN-BAKED
06003JA	168	62	52	1.000 COCONUT-WATER	A	105	105	10 RAW-FRESH OR NFS
06004AA	192	83	68	1.000 DATES	A	140	140	10 RAW-FRESH OR NFS
						141	141	21 COOKED-NFS
						142	142	22 COOKED-FRESH-BAKED
06005AA	197	88	72	1.000 FIGS	A	149	149	10 RAW-FRESH OR NFS
						150	150	21 COOKED-NFS
						151	151	22 COOKED-FRESH-BAKED
06006AA	211	100	81	1.000 GUAVA	A	170	170	10 RAW-FRESH OR NFS
						171	171	21 COOKED-NFS
						172	172	62 COOKED-FRESH OR FROZEN-BAKED
06007AA	244	132	105	1.000 MANGOES	A	207	207	10 RAW-FRESH OR NFS
						208	208	21 COOKED-NFS
06008AA	240	128	.	1.000 LOQUATS	A	613	0	00 NOT SPECIFIED (NO CONSUMPTION)
06009AA	256	142	115	1.000 OLIVES	A	229	229	10 RAW-FRESH OR NFS
						230	230	11 RAW-FRESH-PICKLED, CORNED, OR CURED
						231	231	21 COOKED-NFS
06010AA	995	375	.	1.000 PAPAYAS-UNSPECIFIED	A	690	0	00 NOT SPECIFIED (NO CONSUMPTION)
06010AB	265	150	123	1.000 PAPAYAS-PULP	A	248	248	10 RAW-FRESH OR NFS
						249	249	51 COOKED-CANNED
06010DA	266	151	124	1.800 PAPAYAS-DRIED	A	250	250	10 RAW-FRESH OR NFS
06010JA	267	152	125	1.500 PAPAYAS-JUICE	A	251	251	10 RAW-FRESH OR NFS
06011AA	271	156	.	1.000 PAWPAWS	A	617	0	00 NOT SPECIFIED (NO CONSUMPTION)
06012AA	289	169	139	1.000 PERSIMMONS	A	286	286	10 RAW-FRESH OR NFS
06013AA	292	172	141	1.000 PINEAPPLE-FRESH, PULP	A	290	290	10 RAW-FRESH OR NFS
						291	291	21 COOKED-NFS
						292	292	31 COOKED-FRESH OR CANNED
06013DA	294	174	143	5.000 PINEAPPLE-DRIED	A	297	297	10 RAW-FRESH OR NFS

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EPARAC	RAC INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
06013JA	293	173	142	1.700 PINEAPPLE-FRESH, JUICE	A	293	293	10 RAW-FRESH OR NFS
						294	294	15 RAW-FRESH OR CANNED
						295	295	21 COOKED-NFS
						296	296	31 COOKED-FRESH OR CANNED
06014AA	270	155	.	1.000 PASSION FRUIT (GRANADILLA)	A	616	0	00 NOT SPECIFIED (NO CONSUMPTION)
06015AA	304	182	150	1.000 POMEGRANATES	A	311	311	10 RAW-FRESH OR NFS
						312	312	21 COOKED-NFS
06016AA	299	178	146	1.000 PLANTAINS	A	301	301	21 COOKED-NFS
						302	302	23 COOKED-FRESH-BOILED
						303	303	25 COOKED-FRESH-FRIED
06017AA	241	129	.	1.000 LYCHEES (LITCHI)	A	614	0	00 NOT SPECIFIED (NO CONSUMPTION)
06017DA	397	261	.	4.200 LYCHEE-DRIED	A	640	0	00 NOT SPECIFIED (NO CONSUMPTION)
06018AA	218	107	87	1.000 KIWI	A	180	180	10 RAW-FRESH OR NFS
06020AA	395	259	.	1.000 ACEROLA	A	638	0	00 NOT SPECIFIED (NO CONSUMPTION)
06021AA	399	262	.	1.000 GINKGO NUTS	A	641	0	00 NOT SPECIFIED (NO CONSUMPTION)
06022AA	243	131	.	1.000 MANEY (MAMMEE APPLE)	A	615	0	00 NOT SPECIFIED (NO CONSUMPTION)
06023AA	298	177	.	1.000 PITANGA (SURINAM CHERRY)	A	620	0	00 NOT SPECIFIED (NO CONSUMPTION)
06024AA	396	260	.	1.000 SOURSOP (ANNONA MURICATA)	A	639	0	00 NOT SPECIFIED (NO CONSUMPTION)
06025AA	349	220	.	1.000 SUGAR APPLES (SWEETSOP)	A	631	0	00 NOT SPECIFIED (NO CONSUMPTION)
06026AA	409	272	215	1.000 BREAD FRUIT	A	455	455	21 COOKED-NFS
06027AA	401	264	.	1.000 BREAD NUTS	A	643	0	00 NOT SPECIFIED (NO CONSUMPTION)
06029AA	153	48	.	1.000 CARAMBOLA	A	596	0	00 NOT SPECIFIED (NO CONSUMPTION)
06030AA	161	56	.	1.000 CHERIMOYA	A	598	0	00 NOT SPECIFIED (NO CONSUMPTION)
06031AA	239	127	.	1.000 LONGAN FRUIT	A	612	0	00 NOT SPECIFIED (NO CONSUMPTION)
06033AA	406	269	.	1.000 GENIP (SPANISH LIME)	A	645	0	00 NOT SPECIFIED (NO CONSUMPTION)
07001FA	410	273	216	1.000 COCOA BUTTER	A	456	456	21 COOKED-NFS
07001SA	167	61	51	1.000 CHOCOLATE	A	102	102	10 RAW-FRESH OR NFS
						103	103	21 COOKED-NFS
07002AA	172	66	56	1.000 COFFEE		104	104	22 COOKED-FRESH-BAKED
07003AA	361	230	185	1.000 TEA	A	116	116	21 COOKED-NFS
					A	393	393	21 COOKED-NFS

EPARAC	RAC INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
07006AA	967 361	268	1.000	CHICORY	A	574	574	21 COOKED-NFS
08004AA	601 322	.	1.000	ANICE	S	655	0	00 NOT SPECIFIED (NO CONSUMPTION)
08006AA	602 323	.	1.000	BASIL	S	656	0	00 NOT SPECIFIED (NO CONSUMPTION)
08007AA	604 325	.	1.000	CARRAWAY	S	658	0	00 NOT SPECIFIED (NO CONSUMPTION)
08008AA	605 326	.	1.000	CASSIA	A	659	0	00 NOT SPECIFIED (NO CONSUMPTION)
08011AA	608 329	.	1.000	CINNAMON	S	661	0	00 NOT SPECIFIED (NO CONSUMPTION)
08012AA	609 330	.	1.000	CLOVE	S	662	0	00 NOT SPECIFIED (NO CONSUMPTION)
08013AA	610 331	.	1.000	CORIANDER	S	663	0	00 NOT SPECIFIED (NO CONSUMPTION)
08014AA	611 332	.	1.000	CUMIN	S	664	0	00 NOT SPECIFIED (NO CONSUMPTION)
08015AA	612 333	.	1.000	DILL	S	665	0	00 NOT SPECIFIED (NO CONSUMPTION)
08019AA	614 335	.	1.000	GINGER	S	667	0	00 NOT SPECIFIED (NO CONSUMPTION)
08020AA	215 104	85	1.000	HOPS	A	178	178	21 COOKED-NFS
08022AA	220 109	89	1.000	HORSERADISH	S	182	182	11 RAW-FRESH-PICKLED, CORNED, OR CURED
08023AA	624 343	.	1.000	ROSEMARY	S	675	0	00 NOT SPECIFIED (NO CONSUMPTION)
08026AA	616 337	.	1.000	MARJORAM	S	669	0	00 NOT SPECIFIED (NO CONSUMPTION)
08026AB	619 339	.	1.000	OREGANO	S	671	0	00 NOT SPECIFIED (NO CONSUMPTION)
08028AA	252 138	111	1.000	MUSTARD SEED	A	221 222	221 222	11 RAW-FRESH-PICKLED, CORNED, OR CURED 21 COOKED-NFS
08029AA	618 338	.	1.000	NUTMEG	S	670	0	00 NOT SPECIFIED (NO CONSUMPTION)
08029AB	615 336	.	1.000	MACE	S	668	0	00 NOT SPECIFIED (NO CONSUMPTION)
08035AA	625 344	.	1.000	SAGE	S	676	0	00 NOT SPECIFIED (NO CONSUMPTION)
08036AA	626 345	.	1.000	SAVORY	S	677	0	00 NOT SPECIFIED (NO CONSUMPTION)
08038AA	603 324	.	1.000	BAY	S	657	0	00 NOT SPECIFIED (NO CONSUMPTION)
08042AA	627 346	.	1.000	THYME	S	678	0	00 NOT SPECIFIED (NO CONSUMPTION)
08043AA	980 367	.	1.000	TURMERIC	A	682	0	00 NOT SPECIFIED (NO CONSUMPTION)
08047AA	600 321	.	1.000	ALLSPICE	S	654	0	00 NOT SPECIFIED (NO CONSUMPTION)
08048DA	620 340	.	1.000	PAPRIKA	S	672	0	00 NOT SPECIFIED (NO CONSUMPTION)
08049AA	623 342	.	1.000	POPPY	A	674	0	00 NOT SPECIFIED (NO CONSUMPTION)

EPARAC	RAC	INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
10002AA	996	376	.	1.000	CANTALOUPES-UNSPECIFIED	J	691	0	00 NOT SPECIFIED (NO CONSUMPTION)
10002AB	152	47	40	1.000	CANTALOUPES-PULP	J	78	78	10 RAW-FRESH OR NFS
							79	79	21 COOKED-NFS
10003AA	156	51	43	1.000	CASABAS	J	88	88	10 RAW-FRESH OR NFS
10004AA	184	77	.	1.000	CRENSHAWS	J	601	0	00 NOT SPECIFIED (NO CONSUMPTION)
10005AA	214	103	84	1.000	HONEYDEW MELONS	J	177	177	10 RAW-FRESH OR NFS
10007AA	290	170	.	1.000	PERSION MELONS	J	619	0	00 NOT SPECIFIED (NO CONSUMPTION)
10008AA	376	242	196	1.000	WATERMELON	J	420	420	10 RAW-FRESH OR NFS
10010AA	187	80	65	1.000	CUCUMBERS		421	421	21 COOKED-NFS
10011AA	309	187	155	1.000	PUMPKIN	J	133	133	10 RAW-FRESH OR NFS
							134	134	11 RAW-FRESH-PICKLED, CORNED, OR CURED
							135	135	21 COOKED-NFS
10013AA	343	216	174	1.000	SQUASH-SUMMER	J	322	322	21 COOKED-NFS
							323	323	22 COOKED-FRESH-BAKED
							324	324	62 COOKED-FRESH OR FROZEN-BAKED
10014AA	344	217	175	1.000	SQUASH-WINTER	J	369	369	10 RAW-FRESH OR NFS
							370	370	21 COOKED-NFS
10017AA	408	271	214	1.000	BITTER MELON	J	371	371	10 RAW-FRESH OR NFS
							372	372	21 COOKED-NFS
							373	373	31 COOKED-FRESH OR CANNED
10020AA	368	236	.	1.000	TOWELGOURD	J	454	454	21 COOKED-NFS
11001AA	194	85	69	1.000	EGGPLANT	J	634	0	00 NOT SPECIFIED (NO CONSUMPTION)
11003AA	287	167	137	1.000	PEPPERS, SWEET, GARDEN	I	143	143	10 RAW-FRESH OR NFS
							144	144	21 COOKED-NFS
							145	145	25 COOKED-FRESH-FRIED
11003AB	606	327	.	1.000	CHILI PEPPERS	I	281	281	10 RAW-FRESH OR NFS
11003AD	288	168	138	1.000	PEPPERS-OTHER		282	282	21 COOKED-NFS
						I	660	0	00 NOT SPECIFIED (NO CONSUMPTION)
11004AA	291	171	140	1.000	PIMIENTOS	I	283	283	10 RAW-FRESH OR NFS
							284	284	21 COOKED-NFS
							285	285	51 COOKED-CANNED
11005AA	366	235	190	1.000	TOMATOES-WHOLE	I	287	287	10 RAW-FRESH OR NFS
							288	288	21 COOKED-NFS
							289	289	31 COOKED-FRESH OR CANNED
						I	405	405	10 RAW-FRESH OR NFS
							406	406	21 COOKED-NFS
							407	407	31 COOKED-FRESH OR CANNED

EPARAC	RAC INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
11005JA	362	231	186	1.500 TOMATOES-JUICE	I	394	394	10 RAW-FRESH OR NFS
						395	395	21 COOKED-NFS
11005RA	365	234	189	3.300 TOMATOES-PUREE	I	400	400	10 RAW-FRESH OR NFS
						401	401	21 COOKED-NFS
						402	402	31 COOKED-FRESH OR CANNED
						403	403	32 COOKED-FRESH OR CANNED-BAKED
						404	404	51 COOKED-CANNED
11005TA	364	233	188	5.400 TOMATOES-PASTE	I	397	397	21 COOKED-NFS
						398	398	22 COOKED-FRESH-BAKED
						399	399	31 COOKED-FRESH OR CANNED
11005UA	363	232	187	2.500 TOMATOES-CATSUP	I	396	396	21 COOKED-NFS
11006AA	209	98	.	1.000 GROUNDCHERRIES (POHA OR CAPE-GOOSEBERRIES)	A	606	0	00 NOT SPECIFIED (NO CONSUMPTION)
13001AA	136	35	29	1.000 BEETS-TOPS(GREENS)	C	49	49	31 COOKED-FRESH OR CANNED
						50	50	63 COOKED-FRESH OR FROZEN-BOILED
13002AA	160	55	46	1.000 CELERY	E	93	93	10 RAW-FRESH OR NFS
						94	94	21 COOKED-NFS
13003AA	164	59	49	1.000 CHICORY (FRENCH OR BELGIAN ENDIVE)	E	100	100	10 RAW-FRESH OR NFS
13005AA	142	40	34	1.000 BROCCOLI	F	63	63	21 COOKED-NFS
						64	64	31 COOKED-FRESH OR CANNED
						65	65	63 COOKED-FRESH OR FROZEN-BOILED
13006AA	144	42	36	1.000 BRUSSEL SPROUTS	F	68	68	21 COOKED-NFS
						69	69	23 COOKED-FRESH-BOILED
13007AA	148	45	38	1.000 CABBAGE-GREEN AND RED	F	73	73	10 RAW-FRESH OR NFS
						74	74	11 RAW-FRESH-PICKLED, CORNED, OR CURED
						75	75	21 COOKED-NFS
13008AA	159	54	45	1.000 CAULIFLOWER	F	91	91	10 RAW-FRESH OR NFS
						92	92	21 COOKED-NFS
13009AA	173	67	57	1.000 COLLARDS	F	117	117	51 COOKED-CANNED
						118	118	63 COOKED-FRESH OR FROZEN-BOILED
13010AA	149	46	39	1.000 CABBAGE-CHINESE/CELERY, INC. BOK CHOY	F	76	76	10 RAW-FRESH OR NFS
						77	77	21 COOKED-NFS
13011AA	217	106	86	1.000 KALE	F	179	179	63 COOKED-FRESH OR FROZEN-BOILED
13012AA	219	108	88	1.000 KOHLRABI	F	181	181	21 COOKED-NFS
13013AA	232	120	99	1.000 LETTUCE-LEAFY VARIETIES	E	199	199	10 RAW-FRESH OR NFS
13014AA	191	82	67	1.000 DANDELION	E	139	139	63 COOKED-FRESH OR FROZEN-BOILED
13015AA	196	87	71	1.000 ENDIVE, CURLEY AND ESCAROLE	E	147	147	10 RAW-FRESH OR NFS

EPARAC	RAC INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
						148	148	21 COOKED-NFS
13016AA	613	334	.	1.000 FENNEL	A	666	0	00 NOT SPECIFIED (NO CONSUMPTION)
13017AA	185	78	.	1.000 CRESS, GARDEN, FIELD	E	602	0	00 NOT SPECIFIED (NO CONSUMPTION)
13018AA	109	8	8	1.000 ARTICHOKES-GLOBE	A	17	17	21 COOKED-NFS
13020AA	233	121	100	1.000 LETTUCE-UNSPECIFIED	E	200	200	10 RAW-FRESH OR NFS
13021AA	251	137	110	1.000 MUSTARD GREENS	F	219	219	21 COOKED-NFS
						220	220	63 COOKED-FRESH OR FROZEN-BOILED
13022AA	268	153	126	1.000 PARSLEY	E	252	252	10 RAW-FRESH OR NFS
						253	253	21 COOKED-NFS
						254	254	53 COOKED-CANNED-BOILED
13023AA	316	193	158	1.000 RHUBARB	E	331	331	10 RAW-FRESH OR NFS
						332	332	21 COOKED-NFS
						333	333	31 COOKED-FRESH OR CANNED
						334	334	62 COOKED-FRESH OR FROZEN-BAKED
13024AA	342	215	173	1.000 SPINACH	E	366	366	10 RAW-FRESH OR NFS
						367	367	21 COOKED-NFS
						368	368	31 COOKED-FRESH OR CANNED
13025AA	354	224	181	1.000 SWISS CHARD	E	386	386	10 RAW-FRESH OR NFS
						387	387	31 COOKED-FRESH OR CANNED
						388	388	63 COOKED-FRESH OR FROZEN-BOILED
13026AA	369	237	191	1.000 TURNIPS-TOPS	C	408	408	10 RAW-FRESH OR NFS
						409	409	21 COOKED-NFS
						410	410	31 COOKED-FRESH OR CANNED
13027AA	375	241	195	1.000 WATERCRESS	A	418	418	10 RAW-FRESH OR NFS
						419	419	21 COOKED-NFS
13034AA	358	228	.	1.000 TARO-GREENS	C	632	0	00 NOT SPECIFIED (NO CONSUMPTION)
13039AA	186	79	.	1.000 CRESS, UPLAND	E	603	0	00 NOT SPECIFIED (NO CONSUMPTION)
13045AA	231	119	98	1.000 LETTUCE-HEAD VARIETIES	E	197	197	10 RAW-FRESH OR NFS
						198	198	21 COOKED-NFS
13047AA	393	257	209	1.000 LAMBSQUARTER	A	448	448	21 COOKED-NFS
13048AA	404	267	.	1.000 CACTUS PADS	A	644	0	00 NOT SPECIFIED (NO CONSUMPTION)
13049AA	208	97	80	1.000 GRAPES-LEAVES	A	169	169	21 COOKED-NFS
13999AA	222	111	.	1.000 LEAFY ORIENTAL VEGETABLES	A	609	0	00 NOT SPECIFIED (NO CONSUMPTION)
14001AA	137	36	30	1.000 BEETS-ROOTS	B	51	51	10 RAW-FRESH OR NFS
						52	52	21 COOKED-NFS
						53	53	26 COOKED-FRESH-PICKLED, CORNED, OR CURED

EPARAC	RAC INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
						54	54	31 COOKED-FRESH OR CANNED
14003AA	155	50	42	1.000 CARROTS	B	83	83	10 RAW-FRESH OR NFS
						84	84	21 COOKED-NFS
						85	85	23 COOKED-FRESH-BOILED
						86	86	31 COOKED-FRESH OR CANNED
						87	87	51 COOKED-CANNED
14004AA	416	368	.	1.000 CELERIAC	A	683	0	00 NOT SPECIFIED (NO CONSUMPTION)
14005AA	607	328	256	1.000 CHIVES	S	540	540	10 RAW-FRESH OR NFS
14006AA	359	229	.	1.000 TARO-ROOT	B	633	0	00 NOT SPECIFIED (NO CONSUMPTION)
14007AA	200	91	74	1.000 GARLIC	D	155	155	10 RAW-FRESH OR NFS
						156	156	21 COOKED-NFS
						157	157	32 COOKED-FRESH OR CANNED-BAKED
14009AA	108	7	.	1.000 ARTICHOKES-JERUSALEM	B	588	0	00 NOT SPECIFIED (NO CONSUMPTION)
14010AA	223	112	91	1.000 LEEKS	D	184	184	31 COOKED-FRESH OR CANNED
14011AA	257	143	116	1.000 ONIONS-DRY-BULB (CIPOLLINI)	D	232	232	10 RAW-FRESH OR NFS
						233	233	21 COOKED-NFS
						234	234	22 COOKED-FRESH-BAKED
						235	235	31 COOKED-FRESH OR CANNED
14011DA	259	145	118	9.000 ONIONS-DEHYDRATED OR DRIED	D	239	239	12 RAW-FRESH-DRIED
14013AA	305	183	151	1.000 POTATOES(WHITE)-WHOLE	B	313	313	10 RAW-FRESH OR NFS
						314	314	21 COOKED-NFS
						315	315	22 COOKED-FRESH-BAKED
14013AB	308	186	154	1.000 POTATOES(WHITE)-UNSPECIFIED	B	321	321	22 COOKED-FRESH-BAKED
14013AC	306	184	152	1.000 POTATOES(WHITE)-PEELED	B	316	316	21 COOKED-NFS
						317	317	22 COOKED-FRESH-BAKED
						318	318	23 COOKED-FRESH-BOILED
						319	319	25 COOKED-FRESH-FRIED
14013DA	950	357	264	6.500 POTATOES(WHITE)-DRY	B	566	566	10 RAW-FRESH OR NFS
						567	567	31 COOKED-FRESH OR CANNED
14013HA	307	185	153	1.000 POTATOES(WHITE)-PEEL ONLY	B	320	320	22 COOKED-FRESH-BAKED
14014AA	312	190	156	1.000 RADISHES-ROOTS	B	325	325	10 RAW-FRESH OR NFS
14014AB	311	189	.	1.000 RADISHES-TOPS	C	622	0	00 NOT SPECIFIED (NO CONSUMPTION)
14015AA	321	197	161	1.000 RUTABAGAS-ROOTS	B	341	341	10 RAW-FRESH OR NFS
						342	342	21 COOKED-NFS
14015AB	320	196	.	1.000 RUTABAGAS-TOPS	C	624	0	00 NOT SPECIFIED (NO CONSUMPTION)
14016AA	330	203	165	1.000 SALSIFY(OYSTER PLANT)	B	347	347	21 COOKED-NFS

EPARAC	RAC INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
14017AA	332	205	.	1.000 SHALLOTS	D	627	0	00 NOT SPECIFIED (NO CONSUMPTION)
14018AA	353	223	180	1.000 SWEETPOTATOES (INCLUDING YAMS)	B	383	383	21 COOKED-NFS
						384	384	31 COOKED-FRESH OR CANNED
						385	385	51 COOKED-CANNED
14019AA	370	238	192	1.000 TURNIPS-ROOTS	B	411	411	10 RAW-FRESH OR NFS
						412	412	21 COOKED-NFS
14021AA	269	154	127	1.000 PARSNIPS	B	255	255	21 COOKED-NFS
14024AA	383	247	201	1.000 YAMBEAN, TUBER	B	435	435	10 RAW-FRESH OR NFS
14026AA	402	265	210	1.000 CASSAVA (YUCA BLANCA)	B	449	449	21 COOKED-NFS
						450	450	23 COOKED-FRESH-BOILED
14026AB	357	227	184	1.000 TAPIOCA	A	391	391	10 RAW-FRESH OR NFS
						392	392	31 COOKED-FRESH OR CANNED
14028AA	412	274	217	1.000 YAUTIA, TANNIER	A	457	457	21 COOKED-NFS
14030AA	622	341	.	1.000 PARSLEY ROOTS	A	673	0	00 NOT SPECIFIED (NO CONSUMPTION)
14031AA	374	240	194	1.000 WATER CHESTNUTS	A	416	416	21 COOKED-NFS
						417	417	25 COOKED-FRESH-FRIED
15001AA	124	23	.	1.000 BEANS-DRY-GREAT NORTHERN	C	591	0	00 NOT SPECIFIED (NO CONSUMPTION)
15001AB	125	24	21	1.000 BEANS-DRY-KIDNEY	C	37	37	21 COOKED-NFS
						38	38	31 COOKED-FRESH OR CANNED
15001AC	131	30	26	1.000 BEANS-DRY-LIMA	C	44	44	21 COOKED-NFS
15001AD	126	25	22	1.000 BEANS-DRY-NAVY (PEA)	C	39	39	21 COOKED-NFS
						40	40	31 COOKED-FRESH OR CANNED
15001AE	133	32	27	1.000 BEANS-DRY-OTHER	C	45	45	21 COOKED-NFS
						46	46	25 COOKED-FRESH-FRIED
						47	47	31 COOKED-FRESH OR CANNED
15001AF	127	26	23	1.000 BEANS-DRY-PINTO	C	41	41	21 COOKED-NFS
15002AA	117	16	16	1.000 BEANS-SUCCULENT-LIMA	C	29	29	10 RAW-FRESH OR NFS
						30	30	21 COOKED-NFS
15003AA	118	17	17	1.000 BEANS-SUCCULENT-GREEN	C	31	31	21 COOKED-NFS
15003AB	122	21	19	1.000 BEANS-SUCCULENT-OTHER	C	33	33	10 RAW-FRESH OR NFS
						34	34	21 COOKED-NFS
15003AC	119	18	18	1.000 BEANS-SUCCULENT-YELLOW, WAX	C	32	32	21 COOKED-NFS
15004AA	178	72	61	1.000 CORN, POP	D	127	127	21 COOKED-NFS

EPARAC	RAC INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
15005AA	177	71	60	1.000 CORN, SWEET	D	124	124	10 RAW-FRESH OR NFS
						125	125	21 COOKED-NFS
						126	126	31 COOKED-FRESH OR CANNED
15006AA	277	160	131	1.000 PEANUTS-WHOLE	C	263	263	10 RAW-FRESH OR NFS
						264	264	21 COOKED-NFS
						265	265	22 COOKED-FRESH-BAKED
15007AA	283	164	135	1.000 PEAS(GARDEN)-MATURE SEEDS, DRY	C	274	274	21 COOKED-NFS
						275	275	31 COOKED-FRESH OR CANNED
15009AA	282	163	134	1.000 PEAS(GARDEN)-GREEN IMMATURE	C	272	272	21 COOKED-NFS
						273	273	31 COOKED-FRESH OR CANNED
15011AA	228	117	96	1.000 LENTILES-WHOLE	C	195	195	31 COOKED-FRESH OR CANNED
15011AB	229	118	97	1.000 LENTILES-SPLIT	C	196	196	21 COOKED-NFS
15013AA	248	135	108	1.000 MUNG BEANS (SPROUTS)	C	213	213	10 RAW-FRESH OR NFS
						214	214	21 COOKED-NFS
15015AA	255	141	114	1.000 OKRA	A	227	227	21 COOKED-NFS
						228	228	25 COOKED-FRESH-FRIED
15018AA	350	221	178	1.000 SUNFLOWER-SEEDS	A	381	381	10 RAW-FRESH OR NFS
15020AA	154	49	41	1.000 CAROB	C	80	80	10 RAW-FRESH OR NFS
						81	81	21 COOKED-NFS
						82	82	22 COOKED-FRESH-BAKED
15021AA	100	1	2	1.000 ALFALFA SPROUTS	A	1	1	10 RAW-FRESH OR NFS
15022AA	128	27	.	1.000 BEANS-DRY-BROADBEANS(MATURE SEED)	C	592	0	00 NOT SPECIFIED (NO CONSUMPTION)
15022AB	121	20	.	1.000 BEANS-SUCCULENT-BROADBEANS(IMMATURE SEED)	C	590	0	00 NOT SPECIFIED (NO CONSUMPTION)
15023AA	130	29	25	1.000 BEANS-DRY-PIGEON BEANS	C	43	43	21 COOKED-NFS
15026AA	331	204	166	1.000 SESAME SEEDS	A	348	348	10 RAW-FRESH OR NFS
						349	349	22 COOKED-FRESH-BAKED
15027AA	134	33	28	1.000 BEANS-UNSPECIFIED	C	48	48	21 COOKED-NFS
15028AA	296	175	144	1.000 PINENUTS	A	298	298	10 RAW-FRESH OR NFS
						299	299	21 COOKED-NFS
15029AA	335	208	.	0.330 SOYBEANS-SPROUTED SEEDS	C	629	0	00 NOT SPECIFIED (NO CONSUMPTION)
15030AA	132	31	.	1.000 BEANS-DRY-HYACINTH(MATURE SEEDS)	C	593	0	00 NOT SPECIFIED (NO CONSUMPTION)
15030AB	120	19	.	1.000 BEANS-SUCCULENT-HYACINTH(YOUNG PODS)	C	589	0	00 NOT SPECIFIED (NO CONSUMPTION)
15031AA	129	28	24	1.000 BEANS-DRY-BLACKEYE PEAS(COWPEAS)	C	42	42	21 COOKED-NFS

EPARAC	RAC INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
15032AA	123	22	20	1.000 BEANS-DRY-GARBANZO(CHICK PEA)	C	35	35	21 COOKED-NFS
						36	36	31 COOKED-FRESH OR CANNED
16002AA	110	9	9	1.000 ASPARAGUS	A	18	18	21 COOKED-NFS
						19	19	23 COOKED-FRESH-BOILED
16003AA	249	136	109	1.000 MUSHROOMS	A	215	215	10 RAW-FRESH OR NFS
						216	216	21 COOKED-NFS
						217	217	31 COOKED-FRESH OR CANNED
						218	218	53 COOKED-CANNED-BOILED
16004AA	258	144	117	1.000 ONIONS-GREEN	D	236	236	10 RAW-FRESH OR NFS
						237	237	21 COOKED-NFS
						238	238	25 COOKED-FRESH-FRIED
16007AA	403	266	211	1.000 POKE GREENS	A	451	451	21 COOKED-NFS
16008AA	112	11	11	1.000 BAMBOO SHOOTS	A	21	21	21 COOKED-NFS
24001AA	116	15	15	1.000 BARLEY	O	28	28	21 COOKED-NFS
24002EA	174	68	58	1.000 CORN, GRAIN-ENDOSPERM	O	119	119	10 RAW-FRESH OR NFS
						120	120	21 COOKED-NFS
						121	121	22 COOKED-FRESH-BAKED
						122	122	23 COOKED-FRESH-BOILED
24002HA	176	70	.	1.000 CORN, GRAIN-BRAN	O	599	0	00 NOT SPECIFIED (NO CONSUMPTION)
24002SA	920	3[illegible]	262	1.500 CORN SUGAR	O	561	561	10 RAW-FRESH OR NFS
						562	562	21 COOKED-NFS
						563	563	22 COOKED-FRESH-BAKED
24003AA	254	140	113	1.000 OATS	O	224	224	21 COOKED-NFS
						225	225	22 COOKED-FRESH-BAKED
						226	226	23 COOKED-FRESH-BOILED
24004AA	317	194	159	1.000 RICE-ROUGH	O	335	335	21 COOKED-NFS
						336	336	23 COOKED-FRESH-BOILED
24004AB	318	195	160	1.000 RICE-MILLED	O	337	337	21 COOKED-NFS
						338	338	22 COOKED-FRESH-BAKED
						339	339	23 COOKED-FRESH-BOILED
						340	340	31 COOKED-FRESH OR CANNED
24005AA	324	199	.	1.000 RYE-ROUGH	O	625	0	00 NOT SPECIFIED (NO CONSUMPTION)
24005GA	325	200	163	1.000 RYE-GERM	O	345	345	22 COOKED-FRESH-BAKED
24005WA	323	198	162	1.000 RYE-FLOUR	O	343	343	21 COOKED-NFS
						344	344	22 COOKED-FRESH-BAKED
24006AA	333	206	.	1.000 SORGHUM (INCLUDING MILO)	O	628	0	00 NOT SPECIFIED (NO CONSUMPTION)

EPARAC	RAC INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
24007AA	377	243	197	1.000 WHEAT-ROUGH	0	422	422	10 RAW-FRESH OR NFS
						423	423	21 COOKED-NFS
						424	424	22 COOKED-FRESH-BAKED
						425	425	23 COOKED-FRESH-BOILED
24007GA	379	245	199	1.000 WHEAT-GERM	0	430	430	10 RAW-FRESH OR NFS
						431	431	22 COOKED-FRESH-BAKED
24007HA	380	246	200	1.000 WHEAT-BRAN	0	432	432	10 RAW-FRESH OR NFS
						433	433	21 COOKED-NFS
						434	434	22 COOKED-FRESH-BAKED
24007WA	378	244	198	1.000 WHEAT-FLOUR	0	426	426	10 RAW-FRESH OR NFS
						427	427	21 COOKED-NFS
						428	428	22 COOKED-FRESH-BAKED
						429	429	25 COOKED-FRESH-FRIED
24012AA	246	134	107	1.000 MILLET	0	211	211	10 RAW-FRESH OR NFS
						212	212	21 COOKED-NFS
25001AA	213	102	83	1.000 HONEY	A	174	174	10 RAW-FRESH OR NFS
						175	175	21 COOKED-NFS
						176	176	22 COOKED-FRESH-BAKED
25002SA	970	364	271	1.000 BEET SUGAR	B	578	578	10 RAW-FRESH OR NFS
						579	579	21 COOKED-NFS
						580	580	22 COOKED-FRESH-BAKED
						581	581	31 COOKED-FRESH OR CANNED
25003SA	971	365	272	1.000 CANE SUGAR	A	582	582	10 RAW-FRESH OR NFS
						583	583	21 COOKED-NFS
						584	584	22 COOKED-FRESH-BAKED
						585	585	31 COOKED-FRESH OR CANNED
25003SB	348	219	177	1.000 SUGAR-MOLASSES	A	377	377	10 RAW-FRESH OR NFS
						378	378	21 COOKED-NFS
						379	379	22 COOKED-FRESH-BAKED
						380	380	31 COOKED-FRESH OR CANNED
25004SA	245	133	106	1.000 MAPLE SYRUP	A	209	209	10 RAW-FRESH OR NFS
						210	210	21 COOKED-NFS
26001AA	145	43	37	1.000 BUCKWHEAT	0	70	70	21 COOKED-NFS
						71	71	22 COOKED-FRESH-BAKED
						72	72	25 COOKED-FRESH-FRIED
26011AA	210	99	.	1.000 GUAR BEANS	A	607	0	00 NOT SPECIFIED (NO CONSUMPTION)
270010A	158	53	.	1.000 CASTOR BEANS	A	597	0	00 NOT SPECIFIED (NO CONSUMPTION)
270020A	175	69	59	1.000 CORN, GRAIN-OIL	0	123	123	18 PROCESSED OIL
270030A	180	74	63	1.000 COTTONSEED-OIL	A	129	129	18 PROCESSED OIL

EPARAC	RAC INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
27003WA	179	73	62	1.000 COTTONSEED-MEAL	A	128	128	18 PROCESSED OIL
27004AA	199	90	.	1.000 FLAX SEED	A	605	0	00 NOT SPECIFIED (NO CONSUMPTION)
27007DA	276	159	130	1.000 PEANUTS-OIL	G	262	262	18 PROCESSED OIL
27008AA	327	201	.	1.000 SAFFLOWER-SEED	A	626	0	00 NOT SPECIFIED (NO CONSUMPTION)
27008DA	328	202	164	1.000 SAFFLOWER-OIL	A	346	346	18 PROCESSED OIL
27009DA	386	250	202	1.000 SESAME-OIL	A	436	436	18 PROCESSED OIL
27010DA	339	212	171	1.000 SOYBEANS-OIL	C	364	364	18 PROCESSED OIL
27011DA	351	222	179	1.000 SUNFLOWER-OIL	A	382	382	18 PROCESSED OIL
27015DA	169	63	53	1.000 COCONUT-OIL	A	106	106	10 RAW-FRESH OR NFS
						107	107	21 COOKED-NFS
						108	108	22 COOKED-FRESH-BAKED
						109	109	25 COOKED-FRESH-FRIED
						110	110	51 COOKED-CANNED
27016DA	387	251	203	1.000 OLIVE OIL	A	437	437	18 PROCESSED OIL
27017AA	314	191	.	1.000 RAPE SEED	A	623	0	00 NOT SPECIFIED (NO CONSUMPTION)
27019DA	264	149	122	1.000 PALM OIL	A	247	247	18 PROCESSED OIL
28023AA	340	213	172	1.000 SOYBEANS-UNSPECIFIED	G	365	365	21 COOKED-NFS
28023AB	334	207	167	1.000 SOYBEANS-MATURE, SEEDS DRY	G	350	350	10 RAW-FRESH OR NFS
						351	351	21 COOKED-NFS
						352	352	23 COOKED-FRESH-BOILED
						353	353	25 COOKED-FRESH-FRIED
						354	354	31 COOKED-FRESH OR CANNED
28023WA	336	209	168	1.000 SOYBEANS-FLOUR, FULL FAT	G	355	355	21 COOKED-NFS
						356	356	22 COOKED-FRESH-BAKED
						357	357	31 COOKED-FRESH OR CANNED
28023WB	337	210	169	1.000 SOYBEANS-FLOUR, LOW FAT	G	358	358	21 COOKED-NFS
28023WC	338	211	170	1.000 SOYBEANS-FLOUR, DEFATTED	G	359	359	10 RAW-FRESH OR NFS
						360	360	21 COOKED-NFS
						361	361	22 COOKED-FRESH-BAKED
						362	362	51 COOKED-CANNED
						363	363	53 COOKED-CANNED-BOILED
28024AB	405	268	212	1.000 ORIENTAL VEGETABLES -NON-LEAFY	A	452	452	21 COOKED-NFS
28040AA	407	270	213	1.000 SEEDS(PUMPKIN, PSYLLIUM, CHIA, APRICOT, ETC.)	A	453	453	10 RAW-FRESH OR NFS
28080AA	286	166	.	1.000 PEPPERMINT	S	618	0	00 NOT SPECIFIED (NO CONSUMPTION)
28080DA	650	347	.	1.000 PEPPERMINT-OIL	S	679	0	00 NOT SPECIFIED (NO CONSUMPTION)

EPARAC	RAC INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
28081AA	341	214	1.000	SPEARMINT	S	630	0	00 NOT SPECIFIED (NO CONSUMPTION)
28081OA	651	348	1.000	SPEARMINT-OIL	S	680	0	00 NOT SPECIFIED (NO CONSUMPTION)
43057AA	960	358	265	1.000 VINEGAR	A	568	568	10 RAW-FRESH OR NFS
						569	569	21 COOKED-NFS
43058AA	966	360	267	1.000 WINE AND SHERRY	A	572	572	10 RAW-FRESH OR NFS
						573	573	21 COOKED-NFS
43059AA	968	362	269	1.000 DISTILLED ALCOHOL	A	575	575	21 COOKED-NFS
43060AA	965	359	266	1.000 GELATIN	A	570	570	10 RAW-FRESH OR NFS
						571	571	21 COOKED-NFS
50000DB	802	353	261	7.874 MILK-NON-FAT SOLIDS	X	558	558	10 RAW-FRESH OR NFS
						559	559	21 COOKED-NFS
						560	560	51 COOKED-CANNED
50000FA	801	352	260	7.874 MILK-FAT SOLIDS	X	555	555	10 RAW-FRESH OR NFS
						556	556	21 COOKED-NFS
						557	557	51 COOKED-CANNED
50000SA	921	355	263	1.000 MILK SUGAR (LACTOSE)	X	564	564	21 COOKED-NFS
						565	565	51 COOKED-CANNED
53001BA	505	280	223	1.000 BEEF-MEAT BYPRODUCTS	U	474	474	21 COOKED-NFS
						475	475	26 COOKED-FRESH-PICKLED, CORNED, OR CURED
53001BB	504	279	222	1.000 BEEF(ORGAN MEATS)-OTHER	U	472	472	21 COOKED-NFS
						473	473	51 COOKED-CANNED
53001DA	506	281	224	1.000 BEEF-DRIED	U	476	476	21 COOKED-NFS
53001FA	501	276	219	1.000 BEEF(BONELESS)-FAT (BEEF TALLOW)	U	463	463	10 RAW-FRESH OR NFS
						464	464	21 COOKED-NFS
						465	465	22 COOKED-FRESH-BAKED
						466	466	23 COOKED-FRESH-BOILED
						467	467	24 COOKED-FRESH-BROILED
						468	468	25 COOKED-FRESH-FRIED
53001KA	503	278	221	1.000 BEEF(ORGAN MEATS)-KIDNEY	U	471	471	21 COOKED-NFS
53001LA	502	277	220	1.000 BEEF(ORGAN MEATS)-LIVER	U	469	469	25 COOKED-FRESH-FRIED
						470	470	31 COOKED-FRESH OR CANNED
53001MA	500	275	218	1.000 BEEF(BONELESS)-LEAN (W/O REMOVEABLE FAT)	U	458	458	10 RAW-FRESH OR NFS
						459	459	21 COOKED-NFS
						460	460	22 COOKED-FRESH-BAKED
						461	461	23 COOKED-FRESH-BOILED
						462	462	24 COOKED-FRESH-BROILED
53002BA	525	293	1.000	GOAT-MEAT BYPRODUCTS	U	649	0	00 NOT SPECIFIED (NO CONSUMPTION)

EPARAC	RAC INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
53002BB	524 292	.	1.000	GOAT(ORGAN MEATS)-OTHER	U	648	0	00 NOT SPECIFIED (NO CONSUMPTION)
53002FA	521 289	232	1.000	GOAT(BONELESS)-FAT	U	493	493	23 COOKED-FRESH-BOILED
						494	494	25 COOKED-FRESH-FRIED
53002KA	523 291	.	1.000	GOAT(ORGAN MEATS)-KIDNEY	U	647	0	00 NOT SPECIFIED (NO CONSUMPTION)
53002LA	522 290	.	1.000	GOAT(ORGAN MEATS)-LIVER	U	646	0	00 NOT SPECIFIED (NO CONSUMPTION)
53002MA	520 288	231	1.000	GOAT(BONELESS)-LEAN (W/O REMOVEABLE FAT)	U	491	491	23 COOKED-FRESH-BOILED
						492	492	25 COOKED-FRESH-FRIED
53003AA	580 318	.	1.000	HORSE	U	653	0	00 NOT SPECIFIED (NO CONSUMPTION)
53004AA	581 319	254	1.000	RABBIT	U	536	536	21 COOKED-NFS
						537	537	25 COOKED-FRESH-FRIED
53005BA	535 299	237	1.000	SHEEP-MEAT BYPRODUCTS	U	500	500	21 COOKED-NFS
53005BB	534 298	236	1.000	SHEEP(ORGAN MEATS)-OTHER	U	499	499	21 COOKED-NFS
53005FA	531 295	234	1.000	SHEEP(BONELESS)-FAT	U	497	497	21 COOKED-NFS
53005KA	533 297	235	1.000	SHEEP(ORGAN MEATS)-KIDNEY	U	498	498	21 COOKED-NFS
53005LA	532 296	.	1.000	SHEEP(ORGAN MEATS)-LIVER	U	650	0	00 NOT SPECIFIED (NO CONSUMPTION)
53005MA	530 294	233	1.000	SHEEP(BONELESS)-LEAN (W/O REMOVEABLE FAT)	U	495	495	21 COOKED-NFS
						496	496	31 COOKED-FRESH OR CANNED
53006BA	515 287	230	1.000	PORK-MEAT BYPRODUCTS	U	490	490	21 COOKED-NFS
53006BB	514 286	229	1.000	PORK(ORGAN MEATS)-OTHER	U	488	488	21 COOKED-NFS
						489	489	26 COOKED-FRESH-PICKLED, CORNED, OR CURED
53006FA	511 283	226	1.000	PORK(BONELESS)-FAT (INCLUDING LARD)	U	480	480	10 RAW-FRESH OR NFS
						481	481	21 COOKED-NFS
						482	482	23 COOKED-FRESH-BOILED
						483	483	25 COOKED-FRESH-FRIED
						484	484	26 COOKED-FRESH-PICKLED, CORNED, OR CURED
53006KA	513 285	228	1.000	PORK(ORGAN MEATS)-KIDNEY	U	487	487	21 COOKED-NFS
53006LA	512 284	227	1.000	PORK(ORGAN MEATS)-LIVER	U	485	485	21 COOKED-NFS
						486	486	25 COOKED-FRESH-FRIED
53006MA	510 282	225	1.000	PORK(BONELESS)-LEAN (W/O REMOVEABLE FAT)	U	477	477	21 COOKED-NFS
						478	478	25 COOKED-FRESH-FRIED
						479	479	26 COOKED-FRESH-PICKLED, CORNED, OR CURED
53010AA	575 317	253	1.000	FISH-UNSPECIFIED	W	535	535	21 COOKED-NFS
53013AA	573 315	251	1.000	FISH-SHELLFISH	W	530	530	10 RAW-FRESH OR NFS
						531	531	21 COOKED-NFS
						532	532	25 COOKED-FRESH-FRIED

EPARAC	RAC INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
53014AA	582	320	255	1.000 MEAT, GAME	A	538	538	21 COOKED-NFS
						539	539	25 COOKED-FRESH-FRIED
53015AA	574	316	252	1.000 FISH-ROE, CAVIAR	W	533	533	21 COOKED-NFS
						534	534	51 COOKED-CANNED
53016AA	570	312	248	1.000 FISH-FRESHWATER FINFISH	W	523	523	21 COOKED-NFS
						524	524	25 COOKED-FRESH-FRIED
53017AA	571	313	249	1.000 FISH-SALTWATER FINFISH	W	525	525	10 RAW-FRESH OR NFS
						526	526	21 COOKED-NFS
						527	527	25 COOKED-FRESH-FRIED
53017DA	572	314	250	1.600 FISH-FINFISH-SALTWATER-DRIED	W	528	528	12 RAW-FRESH-DRIED
						529	529	21 COOKED-NFS
55008BA	552	306	243	1.000 TURKEY-BYPRODUCTS	V	515	515	21 COOKED-NFS
						516	516	26 COOKED-FRESH-PICKLED, CORNED, OR CURED
55008LA	551	305	242	1.000 TURKEY-GIBLETS (LIVER)	V	513	513	21 COOKED-NFS
						514	514	25 COOKED-FRESH-FRIED
55008MA	554	308	245	1.000 TURKEY-FLESH(W/O SKIN, W/O BONES)	V	518	518	21 COOKED-NFS
						519	519	31 COOKED-FRESH OR CANNED
						520	520	62 COOKED-FRESH OR FROZEN-BAKED
55008MB	550	304	241	1.000 TURKEY-FLESH(+SKIN,W/O BONES)	V	511	511	21 COOKED-NFS
						512	512	25 COOKED-FRESH-FRIED
55008MC	553	307	244	1.000 TURKEY-UNSPECIFIED	V	517	517	21 COOKED-NFS
55013BA	562	311	.	1.000 POULTRY, OTHER-BYPRODUCTS	V	652	0	00 NOT SPECIFIED (NO CONSUMPTION)
55013LA	561	310	247	1.000 POULTRY, OTHER-GIBLETS(LIVER)	V	522	522	25 COOKED-FRESH-FRIED
55013MA	560	309	246	1.000 POULTRY, OTHER-FLESH (+SKIN, W/O BONES)	V	521	521	21 COOKED-NFS
55014AA	700	349	257	1.000 EGGS-WHOLE	X	541	541	10 RAW-FRESH OR NFS
						542	542	21 COOKED-NFS
						543	543	22 COOKED-FRESH-BAKED
						544	544	23 COOKED-FRESH-BOILED
						545	545	25 COOKED-FRESH-FRIED
55014AB	701	350	258	1.000 EGGS-WHITE ONLY	X	546	546	10 RAW-FRESH OR NFS
						547	547	21 COOKED-NFS
						548	548	22 COOKED-FRESH-BAKED
						549	549	62 COOKED-FRESH OR FROZEN-BAKED
						550	550	81 COOKED-FROZEN
55014AC	702	351	259	1.000 EGGS-YOLK ONLY	X	551	551	10 RAW-FRESH OR NFS
						552	552	21 COOKED-NFS
						553	553	25 COOKED-FRESH-FRIED
						554	554	31 COOKED-FRESH OR CANNED

EPARAC	RAC	INDX	PINDX	CFAC	RACNAME	CROPGR	RFINDX	PRFINDX	RACFORM
55015BA	543	303	.	1.000	CHICKEN-BYPRODUCTS	V	651	0	00 NOT SPECIFIED (NO CONSUMPTION)
55015LA	542	302	240	1.000	CHICKEN-GIBLETS(LIVER)	V	508	508	21 COOKED-NFS
							509	509	25 COOKED-FRESH-FRIED
							510	510	26 COOKED-FRESH-PICKLED, CORNED, OR CURED
55015MA	541	301	239	1.000	CHICKEN-FLESH(W/O SKIN, W/O BONES)	V	503	503	21 COOKED-NFS
							504	504	22 COOKED-FRESH-BAKED
							505	505	25 COOKED-FRESH-FRIED
							506	506	31 COOKED-FRESH OR CANNED
							507	507	53 COOKED-CANNED-BOILED
55015MB	540	300	238	1.000	CHICKEN-FLESH(+SKIN, W/O BONES)	V	501	501	21 COOKED-NFS
							502	502	25 COOKED-FRESH-FRIED
65015AA	999	366	273	1.000	WATER--FOOD BASED	A	586	586	10 RAW-FRESH OR NFS
							587	587	21 COOKED-NFS
65015AC	99	372	1	1.000	WATER--NON-FOOD BASED	A	687	588	10 RAW-FRESH OR NFS
86002IA	936	356	.	1.000	HUMAN MILK--INEST. FROM USDA SURVEY	A	681	0	00 NOT SPECIFIED (NO CONSUMPTION)
90016AA	969	363	270	1.000	ITEMS W/O PEST. REG. -ARTIFICIAL SWEETENERS	A	576	576	10 RAW-FRESH OR NFS
							577	577	21 COOKED-NFS
90997AA	990	369	.	1.000	INEST. RACS--TOLERANCE TOO SPECIFIC	A	684	0	00 NOT SPECIFIED (NO CONSUMPTION)
90999AA	991	370	.	1.000	FEED RACS--INEST. FROM USDA SURVEY	A	685	0	00 NOT SPECIFIED (NO CONSUMPTION)
90999AB	992	371	.	1.000	FOOD RACS--INEST. FROM USDA SURVEY	A	686	0	00 NOT SPECIFIED (NO CONSUMPTION)